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Volume 146 No. 10 — Schnell Publishing Company, Inc., Publishers — September 4, 1944

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Oil, Paint and Drug Reporter

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CWS Centers Chemicals Purchasing in N.Y.

OPD Washington Bureau

All chemical purchasing activities of the Chemical Warfare Service have been centralized in its New York offices at 292 Madison avenue, effective August 1, in the interest of greater economy and efficiency, it was disclosed by the War Department August 28.

A new organization has been set up, it was stated, known as the Chemical Commodity Division, under the direction of Lieut. Col. Samuel M. Cummings, which hereafter will do all the procuring of chemicals for the Service instead of this being done as in the past through its six procurement offices at Boston, Chicago, Dallas, New York, Pittsburgh, and San Francisco.

By centralizing these activities in one place it was felt that the chemical business elements will be insured of a more equitable consideration in the distribution of purchasing contracts. The new arrangement affects only the procurement of chemicals. Purchases of other materials will continue to be made through the six procurement offices as in the past.

F.W.D.A. Meeting Program Completed

The business program for the Road Ahead Conference of the Federal Wholesale Druggists Association, to be held in the Waldorf-Astoria, September 14 and 15, follows:—

Thursday, September 14

"The International Picture," Clark M. Eichelberger, director, Commission to Study the Organization of the Peace.

"The Business Man and Politics," T. Spencer Shore, of Goldman, Sachs & Co.

"Small Business on the Road Ahead," Quincy Adams, chief, Division of Small Business, Department of Commerce.

"The Last Three Feet," Charles W. Green, regional manager, Committee for Economic Development.

"Pharmacy's Public Relations," Fred Eldean, public relations counselor of the National Pharmacy Committee on Public Information, Inc.

"Research in the Post-War Economy," Dr. Gerald Wendt, science editor, "Time" Magazine.

Friday, September 15

"Be Your Own Architect," Charles Luckman, president of the Pepsodent Company.

"Retail Competition on the Road Ahead," Lew Hahn, general manager, National Retail Drug Goods Association.

"One Man's Opinion of Scientific Sales Management," Sidney W. Edlund, president of Sidney Edlund & Co.

"Bring the Customer to the Merchandise," Carl V. Haecker, of W. T. Grant & Co.

"Stock Control in Post-War Planning," Dr. Paul C. Olsen, faculty of Philadelphia College of Pharmacy and Science and Rutger's University College of Pharmacy.

"Drug Sales in Food Stores," Carl W. Dipman, editor of "Progressive Grocer."

"Dramatized Selling," Zenn Kaufman, Schenley Distillers Corporation.

WPB Packaging Officer Resigns

OPD Washington Bureau

Charles P. Given, Packaging Officer of the Chemicals Bureau of the War Production Board, has submitted his resignation from the agency to return to private industry at the end of September, it was learned August 31.

Mr. Given plans to return to the Washing Sales Company, Inc., a distributor of bulk chemicals located in this city. Mr. Given first joined the WPB in June, 1942, being associated with Donald M. Knapp, then chief of the packaging section of the Chemicals Division.

After Mr. Knapp left the agency and the Division was elevated to the rank of a Bureau, Mr. Given became its Packaging Officer, in which capacity he was the chief contact of the chemical and allied industries in its containers problems.

Distribution Parley In New York Oct. 23

The Chamber of Commerce of the United States has called a distribution conference for October 23-24 at the Waldorf-Astoria hotel, New York.

The meeting will be built around these main themes:—Reconversion and demobilization; disposal of government surplus property; price control and civilian supply; postwar unity in business; consumer credit and taxes.

German Cartels Breakup Advocated

OPD Washington Bureau

A complete breakup of the German cartels under a program that calls for the army of occupation to supervise the operation of its industries, the sale of industrial patents and know-how to any interested purchaser and possibly movement of German laboratories out of the country was proposed August 29 by Attorney-General Francis Biddle in testimony before the Kilgore committee of the senate.

Mr. Biddle said that at the present time it is probably inaccurate to speak of separate combines or cartels in the German economy, because they are all linked together—the munition makers, the potash industry, the machine trust, the oil industry, the electrical manufacturers, the steel trust and the chemical companies—as part of the Nazi government.

He said that when the war ends it can be expected that they will appear again as separate combines in the

—Continued on page 57

Methanol 'Trust' Civil Suit Entered at N.Y.

OPD Washington Bureau

A civil complaint seeking to enjoin members of the natural methanol producing industry from engaging in alleged illegal practices complained of in a criminal indictment returned against all but one of the group by a Federal Grand Jury in New York last April was filed in the New York court August 29 by the Department of Justice.

Named as defendants in the new action against charges of antitrust law violations are William S. Gray & Co., New York sales agency; Wood Distillers Corporation, Pennsylvania sales agency; twenty-five producers of natural methanol, including the Ford Motor Company; a producers' trade association; and thirty-two of their officers and employees. All but Ford was named in the criminal indictment of last April.

The complaint charges that the conspiracy is based on a plan developed in 1932 by William S. Gray & Co. and the Wood Chemical Institute, a trade association. Under this arrangement, it is charged, substantially every pro-

—Continued on page 45

August Heuser Retires From duPont Company

August Heuser, who rose from a messenger to control manager of the Electrochemicals Department of E. I. du Pont de Nemours & Co., retired September 1 after forty years' service.

He was born February 13, 1886, in New York State, and in 1903 joined the Roessler & Hasslacher Chemical Company as a messenger boy. Continuing his studies at night, he was graduated from New York University's School of Commerce, Accounts and Finance. He was assistant treasurer of Roessler & Hasslacher when it became a subsidiary of the du Pont Company in 1930. J. H. Hildreth succeeds the retiring du Pont official. Mr. Hildreth joined Roessler & Hasslacher in 1925.

Senate Surplus Bill Jeopardizes Gov't Plan for Fertilizers

OPD Washington Bureau

A major threat to the future plans of the government for expanded use of fertilizer in farm production both during the war and thereafter has been discovered in the provisions of the senate bill setting out congressional policy on disposal of surplus government property (S. 2065) now in conference between the senate and house.

The threat is contained in section 19 of the measure which has as its primary aim assurance to business that it will not be faced with competition from the government in the postwar years, and described in some quarters as a congressional attempt to outlaw in advance any socialistic schemes that may be in mind in the executive branch of the government for reforming business operations.

Section 19 states:—

Except as herein or otherwise provided, no government agency shall, in competition with private industry, manufacture or produce any articles or commodities for civilian use.

The exceptions are the production of articles or commodities specifically authorized by act of congress in plants or facilities (such as the Government Printing Office, power and public works projects, reformatories, and hospitals and like institutions) not constructed or acquired for war purposes.

The question being raised is how far the senate intended that such a prohibition should go, particularly in relation to the operations of the Army's ordnance plants both during and after the war. It is believed in some quarters that if the provision should stay in the bill that is finally enacted and becomes law, it will no longer be possible for any of these plants to continue to make available any of the materials now going into the manufacture of fertilizer, such as sulphuric acid, anhydrous ammonia, synthetic nitrates and the like.

Also the question is raised of the effect that such a prohibition might have on the plans of the Department of Agriculture to make use of these

—Continued on page 66

Quaker Oats Forms Chemical Department

The Quaker Oats Company, manufacturer of furfural and allied chemicals has formed a chemical depart-

L. B. Hitchcock

ment to integrate the functions of sales, research, and production heretofore carried out by several divisions of the company. The furfural and technical divisions become

—Continued on page 41

Weinberg Submits WPB Resignation

OPD Washington Bureau

Sidney J. Weinberg, vice-chairman of the War Production Board in charge of special programs, submitted his resignation from the agency this week, marking the latest casualty among high ranking officials in the organization growing out of the controversy over reconversion policies.

Like Charles E. Wilson, executive vice-chairman, who announced his resignation last week, Mr. Weinberg left the organization August 31 with a blast at the sniping of officials from within the agency that prevent agreements being reached on anything but most general policy matters.

Mr. Weinberg first joined the government in the early days of the defense program and remained through the various reorganizations of OPM and the WPB until a year ago when he returned to private life with Goldman Sacks & Co., investment banking firm.

Giebel Succeeds Wensley As Harshaw Vice-Pres.

R. H. Giebel, manager of the New York office, was elected a vice-president of the Harshaw Chemical Company, Cleveland, at a directors' meeting held August 29, to fill the vacancy created by the resignation of William R. Wensley.

The company's merchandising activities will be under the direction of W. W. Lawson, vice-president, at the general office, Cleveland. There will be no change in the general merchandising policy of the company.

Fertilizers Civilian Use Cut Possible

OPD Washington Bureau

A reduction of approximately 25 percent in the amount of ammonia solutions available to private industry has had to be made in the September allocations because of the curtailment of anhydrous ammonia shipments from the Army's ordnance plants, it was stated August 31 by officials of the Chemicals Bureau, War Production Board.

Shipments of anhydrous ammonia are being tapered off in order to conserve supplies to meet the increase requirements for the material in the expanded munitions production program. Officials could give no indication at this time how long the curtailment of allocations will have to continue, pointing out that this will depend upon the fortunes of war.

They are anything but optimistic of the immediate future for civilian supplies for this and other nitrogen materials, knowing what they do of the new munitions program. They said that unless there is a change in the ordnance program it may be necessary to cutback civilian supplies even further.

In discussing other nitrogen supplies, officials said that uramon pro-

—Continued on page 58

S.O.C.M.A. Meeting To Be Held Sept. 8

Regular monthly luncheon-meeting of the Synthetic Organic Chemical Manufacturers Association of the United States will be resumed September 8 at the Midston House, 22 East Thirty-eighth street, New York. Luncheon will be served at 12:30. Reservations are in charge of Charles A. Mace, secretary of the association, 6 East 45th street, New York.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Sept. 1, 1944	Aug. 25, 1944	Aug. 27, 1943
136.6	136.4	137.4

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Because a ship sank at sea, the price index for the week was hiked two points. In number, changes were evenly divided between ups and downs, but the weight of change was on the high side because loss of the ship's cargo brought a crisis in spot prices and stocks of clove oil and spice, vanilla beans, and Bourbon geranium, vetiver, and ylang ylang oils.

The week was remarkably free from orders and pronouncements by OPA, WPB, and other government agencies. Milk sugar passed from allocation control, but allocation was clamped on lactic acid; stocks of lithium were such as to forecast a more liberal allocation policy; and the sales plan for fluorspar was clarified.

Commodity Exchanges Association Formed

National Association of Commodity Exchanges and Allied Trades Inc., was formed in Chicago August 24 for the purpose of developing, improving and extending commodity futures trading in the interest of producers, consumers and the American people. Officers elected were:—

President, Maurice Mandeville, president of the Chicago Mercantile Exchange; executive vice-president, J. A. Higgens, jr., a member of the board of managers of the New York Coffee and Sugar Exchange; first vice-president, Walter R. Scott, secretary of the Kansas City Board of Trade; second vice-president, Ody H. Lamborn, president of the New York Coffee and Sugar Exchange and executive director of the Sugar Research Foundation; secretary-treasurer, S. J. Meyers, vice-president of the Arcady Farms Milling Company of Chicago.

Seven organizations are backing the association as charter members. They are the New York Cocoa Exchange, the New York Coffee and Sugar Exchange, the New York Produce Exchange, the Chicago Board of Trade, the Chicago Mercantile Exchange, the Kansas City Board of Trade and the Minneapolis Chamber of Commerce.

Bids Wanted

Borax:—Division of Purchase, Sales & Traffic, Department of Agriculture, Washington 25; invitation 150-45, opening September 8.

Chaulmoogra Oil:—General Purchasing Officer, The Panama Canal, Medical Section, Washington 25; circular 1518, opening September 7.

Cornstarch:—12,000,000 pounds, Chief, Procurement & Price Support Branch, Office of Distribution, War Food Administration, Washington 25; announcement Awd-186, opening on the second and fourth Tuesday of each month beginning September 12.

Detergent:—7,200 pounds, Superintendent, Federal Security Agency, Freemen's Hospital, Washington 25; invitation 469, opening September 11.

Fuel Oil and Kerosene:—Chief, Purchase Division, Treasury Department, Procurement Division, Washington 25; invitation 8373-FO9, opening September 15.

Lime, Hydrated:—15 barrels, Chief Clerk, Department of Justice, Bureau of Prisons, Federal Correctional Institution, Sandstone, Minn.; invitation 24-1816, opening September 4.

Paint:—1,500 gallons, Purchasing Agent, Department of the Interior, Bureau of Reclamation, Branch of Fiscal and Administrative Management, Administrative Management Division, Custom House, Denver, Colorado; invitation 27,931-A, opening September 6.

Paint:—2,500 gallons, Treasury Department, Procurement Division, San Francisco; invitation SF-1161-45, opening September 4.

Potassium Ferricyanide: — 50 pounds, Purchasing Agent, Post Office Department, Washington 25; invitation 666, opening September 8.

Soap, Grit:—1,750 pounds, Chief, Purchase and Supply Division, Treasury Department, Ft. Worth, Tex.; invitation RT7S-905-1, opening September 7.

Stain:—1,500 gallons in creosote, Treasury Department, Procurement Division, San Francisco (2) Calif.; invitation SE-1111-45, opening August 28.

Trisodium Phosphate:—10,000 pounds, Chief, Purchase and Supply Division, Treasury Department, Procurement Division, Ft. Worth, Tex.; invitation RT7S-951, opening August 31.

Enamel Grades 1 and 2 May Be Used in Finishes

OPD Washington Bureau

Because of difficulties that have developed in the use of products conforming to specifications for lusterless finishes 3-173 Grade 2, semi-gloss 3-174 Grade 2, and gloss finishes 3-175A Grade 2 authorizations being processed by the Chemicals Bureau for September will permit the use of either Grade 1 or Grade 2 enamels under these specifications, the War Production Board has reported.

Grade 1 enamels will be limited to a phthalic anhydride content of 31.5 percent based on the total vehicle solids of the paint. There were no restrictions on this use of phthalic anhydride previously. Grade 2 of each of the specifications is limited by Direction 2 to order M-139 to a maximum 16 percent of phthalic anhydride based on the vehicle solids in the paint.

The foregoing authorizations for use of either Grade 1 or Grade 2 type paint will be permitted in September and October. Future authorizations for use of either grade will depend upon the available supply of phthalic anhydride, WPB officials said.

Aluminum Production Again Cutback by WPB

OPD Washington Bureau

With ample supplies of aluminum ingot on hand for both military and essential civilian production, the War Production Board has ordered further cutbacks in output of the light metal, WPB officials said August 30. The plants affected by WPB's decisions are the government-owned facilities in Spokane, Wash.; Los Angeles, Calif.; Troutdale, Ore., and Jones Mills, Ark.

In addition, it was learned that the Aluminum Company of America will reduce production in its own plants at Alcoa, Tenn.; Badin, N. C.; Massena, N. Y., and Vancouver, Wash. This is in accord with Alcoa's contract with the Defense Plant Corporation, which provides that when production in government-owned plants should reach the present level, further curtailments would be divided between DPC and Alcoa plants.

Paint Drums Available At Newark, N.J.

OPD Washington Bureau

A supply of approximately 10,000 used steel drums of 18 gauge weight, 55-gallon capacity and closed head type is available for purchase in Newark, N. J., according to Charles P. Given, Packaging Office of the Chemicals Division, War Production Board.

The drums were previously used for lacquer, varnish and solvents and are in a raw used state; that is, they have not been reconditioned. Further information on the drums can be obtained by contacting Mr. Given.

Export Licensing Relaxed by FEA

OPD Washington Bureau

The Foreign Economic Administration has notified exporters of the forthcoming discontinuance of the program license procedure that controls commercial exports to the following areas of the world:

United Kingdom, Australia, Union of South Africa, New Zealand, India, Newfoundland, and most other British Empire areas; the Soviet Union; the Belgian Congo; French possessions such as French Oceania, Madagascar and Reunion, French Cameroons, French Equatorial Africa, French West Indies, and French Guiana; Surinam and the Netherlands West Indies; the Middle East; and Greenland.

Bruckman Gets N.Y. Bronx OPA Post

Henry E. Bruckman, former chairman of the New York State Liquor Authority and former assistant chief inspector of the New York Police Department, has been appointed as chairman of the Bronx War Price and Rationing Board to succeed Adolph J. Chesley, who was dismissed from office August 19. The OPA disclosed that Mr. Chesley had been accused of showing favored treatment to "certain preferred individuals."

Benzol Civilian Use Restricted

OPD Washington Bureau

Civilian allotments of benzol, toluene and xylene have been drastically cut as a result of increased military requirements for use of these chemicals in aviation gasoline and TNT (trinitrotoluene), the War Production Board reported September 1. This situation is expected to prevail until April 1, 1945, WPB officials said.

Smaller quantities of benzol will be available for use in lacquer thinners and aniline dyes, while applications requesting allocations of benzol for essential medicinals continue to be granted 100 percent. WPB is denying all applications for benzene to be used in paint and varnish removers and brush cleaners.

Expanded ordnance requirements for toluene in the production of TNT have brought corresponding cuts in civilian allotments. WPB may reduce the amounts of toluene for the manufacture of aviation gasoline, thus making greater quantities of this chemical available for production of explosives, officials said.

Xylene is also required in increased quantities for the aviation gasoline program. Corresponding cuts have been made in the amounts of xylene allocated to the protective coating industry. WPB is now taking steps to increase the output of xylene produced from petroleum.

Corn Use in Alcohol Continues Restricted

OPD Washington Bureau

At the request of the War Food Administration, present prohibitions of the use of corn in the production of alcohol for the war will be continued through the fourth quarter, the War Production Board announced September 1.

The direction calling for the use of at least 10 percent of rye or granular rye flour also will remain in effect throughout the remainder of the year, WPB said.

However, the present prohibition of the use of grain sorghums will be partially lifted for distillers west of the western boundary of Pennsylvania. While the prohibition will remain for distillers east of that boundary. Distillers west of the boundary will be permitted to use up to 30 percent grain sorghums.

Penna. Salt Sells Taylor Co. Interest

The Pennsylvania Salt Manufacturing Company, Philadelphia, has disposed of its majority ownership in the Taylor Chemical Corporation, selling to that company 51 percent ownership in plants at Penn Yan, N. Y., and Wyandotte, Mich. The company, however, has purchased from Taylor Chemical Corporation the carbon tetrachloride plant and its inventories at Wyandotte. The agreement includes a long-term contract with the Taylor Chemical Corporation for the purchase of carbon bisulphide, the base material used in the manufacture of carbon tetrachloride.

WPB Capital Equipment Rule Is Revised

OPD Washington Bureau

Producers of capital equipment, including machine tools, precision measuring and testing instruments, electric motors and generators, and other general industrial equipment, need no longer obtain War Production Board permission to begin production on unrated purchase orders for such equipment, placed under Priorities Regulation No. 24, WPB has announced.

Robinson Quits OPA Standards Div. Post

Harry D. Robinson has resigned as director of the standards division of the Office of Price Administration. Mr. Robinson said his resignation was "in protest against a lack of action on my recommendations aimed at protecting the public and the tendency of Congress to oppose price control."

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U. S. Gypsum Has Explosion

An explosion and fire in a plant of the U. S. Gypsum Company at 163 Henderson street, Jersey City, N. J., injured seven employees August 31. The blast occurred in a cutting room in the rear of the company's block-long building and sparks ignited materials in an adjoining room.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

We have a new head of the War Production Board now—J. A. Krug, an earnest and able 36-year-older who has been yanked out of the Navy to clean up the debris of the Nelson-Wilson blow up over reconversion. He has been told to go out and do a job and has informed the senate that he intends to do just that, but how thorough a job he can do under the circumstances raises an intriguing question.

Mr. Krug's official title is Acting Chairman of the WPB, which means that he is privileged to wield all the authority of the office of the chairman. This would not be too difficult a task if the WPB wasn't shot full of holes with cliques and blocs favoring and opposing the policies that Mr. Nelson has laid down in the past. And if Mr. Nelson's status in the WPB could be more definitely learned.

Mr. Nelson is now on a secret mission to China for the President. It is said one day that he will be gone for several months. The next day it is said he will be gone only for a few weeks. Some people say Mr. Nelson is out. Others say Mr. Nelson is still in. Nobody knows definitely and Mr. Roosevelt won't shed any light on the question.

Undoubtedly we will win the war in spite of Washington but Mr. Krug is on the spot. He has been sent in as a new broom but whether he does anything more than sweep out a few cobwebs, we'll learn later.

Pulp Outlook Bleak

A striking change has taken place in the pulp supply situation during the past few weeks that ordinarily would indicate that the troubles of industry in getting adequate supplies of paper for printing, bag making and containers, soon would be over—but no such rosy view is yet in sight.

True, the bottleneck in production of pulpwood has been broken. Supplies are readily available to the mills in any quantity they might need, but the trouble now is that the mills themselves are operating at capacity levels and are turning out every ton of paper that can be produced with present facilities and still can't keep up with demand.

Total requirements for paper far exceed supplies, so the larger supplies of pulpwood will not be reflected in larger supplies of paper until the requirements—military for the most part—begin to taper off.

Printing Costs Boost Price

The Government Printing Office is beginning to feel the pinch of increased production costs and is going to hike the price of the Comprehensive Export Schedule of the FEA that tells exporters what they must do to ship goods out of the country.

The price of a single copy is being jumped from 20c. to 50c. per, and the subscription price is being increased from $1 for six issues to $1.75 for four issues. Incidently the Schedule is to be issued every three months hereafter because of more frequent changes being made. Schedule No. 15, the newest, is now on the presses and will be available in about two weeks.

Alcohol Supply Situation

Will the alcohol supply situation be easier for industries in need of larger quantities during the fourth quarter? That's the question on the minds of most of the representatives of the industrial users here, but little satisfaction is being gained from contacting the WPB until there is a cutback in sight in production of aviation gas and explosives.

Officials say that on the basis of information they have at hand from the military the same curtailments on uses that have applied during the third quarter will have to be continued for the fourth quarter. But they are not too pesimistic and would not be surprised if sometime during the fourth quarter it will not be possible to loosen up a bit on restrictions.

And, too, if their present ideas are carried out, all industries will be treated alike in any relaxations that may take place. In other words, if it is possible to give the whiskey distillers another holiday, increased amounts of alcohol also will be made available for drugs and cosmetics and other uses. There will be no more singling out of an industry for favorable treatment.

Industrial Census for 1944

A census of industry, labor, wages and other economic factors of the current year is to be undertaken by the Census Bureau. Ordinarily such a census would not be taken until next year, but since industry then will probably be in the midst of reconversion the figures gathered on 1945 operations would be of little value.

President Roosevelt asked that the census be undertaken on the basis of this year's operations because reconversion will be a huge and intricate task requiring careful preparations and it is necessary therefore that we have a great deal of accurate and comprehensive information concerning industrial production, the status of industry, and the well-being of the workers when these are at their peak levels.

Licensing Union Organizers

The Chamber of Commerce reports a trend among local communities to enact ordinances requiring union organizers to get a license before they can go about soliciting new members for their locals. The trend is particularly marked in the South where the unions have always faced their toughest organizing jobs.

How long the trend may continue and how widespread it may become depends upon the viewpoint taken by the United States Supreme Court on the constitutionality of such enactments. The question hasn't been put up to the court yet, but it may be expected to get it soon in a case growing out of an action in Georgia.

When a union organized was arrested for not getting a license before carrying on his activities he took the matter to a United States District Court in Georgia for injunction. The court, however, refused to hold up enforcement of the ordinance, saying that a local penal statute can be enjoined "only in extraordinary circumstances when the danger of irreparable loss is both great and immediate." The union lawyers don't believe it.

Fertilizer Plan Pigeonholed

Indications are that the house committee on agriculture has pigeonholed for the duration the plan of Representative William Lemke of North Dakota to have all fertilizer manufacturers licensed by the Federal government before they can ship mixed fertilizers across State lines.

There hasn't been a thing done with the bill (H. R. 4806) since Mr. Lemke introduced it in the house last May. Committee attaches say that ordinarily when a bill is to receive consideration of the committee it is first sent to the government department most interested for its comments and then turned over to a subcommittee for hearing. No such step has been taken by the committee on this bill yet.

Dairy Stuff in War

Military requirements of dairy products are at an all-time high. Although some people interpret the Allied armed success to mean that the milk industry can now relax and rest on its past achievements, just the opposite interpretation should be made. The closer we get to victory, the more men we have overseas and in the front lines, the more territory we liberate, the greater the food requirements will be—especially in dairy products.

Cheese and skim milk powder needs are being met at present and butter procurement is not critical, although production already is down more than 100,000,000 pounds from last year and army buying will continue through October this year, in contrast to the

—*Continued on page 45*

French South Pacific Islands Cargo Rules Set

OPD Washington Bureau

Effective September 1, a new procedure was established for the booking of cargo to the French Possessions in the South Pacific by making FEA form 138, now in use for many shipments to Latin America, applicable also to shipments to these possessions, it has been announced by the FEA.

The designations covered are the islands of French Oceania:—Clipperton Island, Gambier Island; Marquesas Island, Raiatea Island, Society Island, Tahiti, Tuamotu and Tubuai; New Hebrides, including British and French Condominium; and the Loyalty Islands and Wallis Archipelago of New Caledonia.

The FEA stated that form 166 will no longer be used, either in filing applications for release certificates or for arranging the booking of cargo to the above destinations. Applications for release certificates must be submitted on form 419. After procuring release certificates, exporters are to submit statements of cargo availability (FEA 138) in quintuplicate directly to War Shipping Administration, Division of Cargo Control, 220 Bush Street, San Francisco 4, Calif., only within 90 days of the date that the cargo will be available for shipping.

Further details of the new arrangement are contained in the FEA's Current Export Bulletin No. 187.

War Contracts Price Counsel Appointed

OPD Washington Bureau

Frederick W. R. Pride, counsel for the Navy Price Adjustment Board, has been made general counsel for the War Contracts Price Adjustment Board to succeed W. James MacIntosh. Mr. Pride was formerly a member of the New York law firm of Dwight, Harris, Koegel and Caskey. Mr. MacIntosh has resigned as counsel of the War Contracts Price Adjustment Board and the War Department Price Adjustment Board to return to his law practice in Philadelphia.

Lt.. Col. William Wadsworth Watts, who has been assistant general counsel of the War Department Price Adjustment Board, has been named general counsel to succeed Mr. MacIntosh. Colonel Watts was formerly a member of the law firm of Ross and Watts, Chicago.

Keeton Made Petroleum Price Branch Chief

OPD Washington Bureau

W. Page Keeton, counsel for the Fuel Price Division of the Office of Price Administration since March, 1944, and chief counsel of the Petroleum Price Branch in that division since June, 1942, has been made price executive of the Petroleum Price Branch September 1. Mr. Keeton, who is thirty-five, succeeds Orville D. Judd, recently appointed associate director of the Fuel Price Division, which comprises both the Petroleum Price Branch and the Solid Fuels Price Branch. John P. Barnes, jr., chief counsel of the Solid Fuels Price Branch since October, 1942.

Berth Freight Rate Surcharge Reduced

OPD Washington Bureau

A reduction in the surcharge of berth freight rates in the trade between United States Atlantic and Gulf ports and Haiti has been announced by the War Shipping Administration. A surcharge of 50 percent has been effective in this trade since May, 1942. The new surcharge will be only 22 percent, effective on sailings from last loading ports in either direction on and after next Friday, September 1. Berth freight rates apply to ordinary package and general cargo in contrast to cargo in bulk.

Industrial Sugar Quotas Renewed for 4th Period

Allotments of sugar to industrial users for the fourth quarter beginning October 1, 1944, will be based on the same percentages of base period use as those used during the third quarter, the Office of Price Administration has announced.

Soybeans Marketing Rules Set By WFA

OPD Washington Bureau

War Food Order 110 on soybeans specifies the conditions under which 1944-crop soybeans may be bought and used by processors, manufacturers, seed dealers, country shippers, and others. The order is an extension of War Food Order 27, applicable to the 1943 crop. Its provisions are similar to those contained in WFO 27, but it omits the restriction that no processor shall buy, receive or use soybeans except under contract with the Commodity Credit Corporation. Contracts providing for the purchase of soybeans at support prices have been offered to processors.

WFO 110 prohibits any processor, manufacturer or seed dealer from purchasing or accepting delivery of 1944 crop soybeans in a quantity greater than his processing, manufacturing or sales requirements for the

—*Continued on page 52*

Fatty Acids Inventory Limits Eliminated

War Food Orders 86 and 87 which have limited the soap and fatty acid inventories of industrial users since October, 1943, have been terminated by the War Food Administration, effective August 25, 1944. WFO 86, issued October 18, 1943, limited soap inventories to a 45-day supply. As originally drawn, it also prescribed adjusted formulas which required the use of rosin in the manufacture of soap, but these provisions were removed from the order last June.

WFO 87 was issued October 23, 1943, when fatty acid stocks were at an all-time low, and when limitations on the use of fats and oils without glycerin recovery were contributing to an increased demand for these acids in soaps and lubricants. Glycerin recovery limitations have since been lifted, lessening the demand for fatty acids.

Stingley Leaves WFA To Return to Armour Co.

OPD Washington Bureau

Dale V. Stingley, assistant chief of the Industrial Oils Division of the Fats and Oils Branch, War Food Administration, has resigned to return to Armour & Co., Chicago, it was announced August 28. His resignation was effective September 1.

A specialist in the field of fatty acid research and development, Mr. Stingley joined WFA a year ago as chief of the Fatty Oils Derivatives Section, and later became assistant chief of the division. He is the author of a number of technical articles in his field of activity. In his work with Armour & Co. he will be actively engaged in technical sales service and in the promotion of fatty acids and chemical derivatives of fats and oils.

Alumina Sulphate From Clay Price Advanced

OPD Washington Bureau

General Chemical Company, New York, has been given a price ceiling on aluminum sulphate made from Missouri clay at its North Claymont, Del., plant of $26 in bulk, $27 in bags and $31 in barrels by an order of the Office of Price Administration approved August 22.

The price, which is approximately $4 above the ceilings prevailing on sulphate made from bauxite, was granted to offset the higher costs resulting from using Missouri clay as the basic raw material, which the firm was encouraged to use by WPB because of the shortage of bauxite.

DDT Exempt From Prce Control

Dichlore - diphenyl - trichloroethane (DDT) has been exempted from price control, the Office of Price Administration has announced. This action, effective September 4, 1944, was taken because the constant change in specifications used in preparing this insecticide precludes any immediate and accurate determination of prices, OPA said. DDT is still in an experimental stage. When its final processing specifications are determined, OPA will issue a regulation that will control the price of the product, the agency said.

What's New at NYQ

"At NYQ plant—One of the many recent installations important in control of purity. Air conditioned equipment protects the product while manufactured, improves quality and has increased production and speed of deliveries."

To meet the tremendous demands for N.Y.Q. products created by war needs, the facilities of N.Y.Q. have been expanded enormously. A large percentage of our production goes to our armed forces. We are doing, and shall continue to do our best, to supply as much N.Y.Q. material to normal consumer channels, as the exigencies of war will permit. And when peace comes, our friends in the trade will find the expanded facilities of N.Y.Q. an added guarantee of the reliability of N.Y.Q. products and service.

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Synthetic Chemical Production: June

The June production, consumption and stocks of synthetic organic chemicals in the United States, as reported by the Chemical Division of the United States Tariff Commission, compared with May statistics, follows:—

	Pounds	
	May	June
Acetanilide (technical and U.S.P.)—		
Production	367,342	[4]
Consumption	209,126	90,461
Stocks	802,667	834,008
Acetic acid (synthetic)[1]—		
Production	25,185,075	22,994,169
Consumption	18,003,498	17,636,695
Stocks	9,438,528	7,954,401
Acetic acid (natural and from calcium acetate)[2]—		
Production	3,478,309	3,308,389
Stocks	1,292,042	1,201,607
Acetic anhydride[3]—		
Production	41,648,309	40,048,345
Consumption	32,519,325	30,235,442
Stocks	12,025,587	10,867,460
Acetylsalicylic acid (Aspirin)—		
Production	819,287	744,251
Stocks	960,934	1,012,263
n-Butyl acetate—		
Production	5,757,102	6,124,667
Consumption	164,011	196,128
Stocks	3,911,193	3,036,241
Creosote oil, tar distillers (gallons)[5]—		
Production	10,408,347	10,156,706
Consumption	882,897	1,039,091
Stocks	26,632,177	24,846,244
Creosote oil, byproduct (gallons)[6]—		
Production	3,590,622	3,568,836
Consumption	74,816	28,549
Stocks	1,674,474	1,515,015
Cresols, meta-para[7]—		
Production	690,558	531,608
Consumption	[4]	[4]
Stocks	458,644	153,923
Cresols, ortho-meta-para[7]—		
Production	861,868	866,565
Stocks	[4]	[4]
Cresylic acid, crude—		
Production	2,010,930	1,951,678
Consumption	[4]	[4]
Stocks	1,491,916	1,079,905
Cresylic acid, refined[7]—		
Production	3,782,406	3,257,439
Consumption	[4]	[4]
Stocks	2,016,307	2,229,757
Diethyl ether (all grades)—		
Production	5,479,999	4,619,999
Consumption	495,282	353,610
Stocks	1,317,271	1,895,131
Ethyl acetate (85 per-cent)—		
Production	8,213,741	8,772,412
Consumption	1,344,163	1,135,158
Stocks	5,397,266	6,570,952
Lactic acid (edible)—		
Production	368,974	[4]
Stocks	371,275	267,098
Lactic acid (technical)—		
Production	238,526	374,340
Consumption	21,584	15,359
Stocks	142,386	173,900
Methyl chloride (all grades)—		
Production	1,936,596	2,001,151
Consumption	[4]	[4]
Stocks	871,972	709,295
Naphthalene, byproduct (less than 79° C.)[8]—		
Production	9,094,765	8,280,393
Consumption	[4]	[4]
Stocks	2,802,080	2,343,626
Naphthalene, tar distillers (less than 79° C.)[9]—		
Production	15,368,562	15,725,696
Consumption	[4]	[4]
Stocks	9,728,602	8,790,914
Naphthalene, refined (79° C. and over)—		
Production	7,076,885	7,294,741
Consumption	4,575,096	4,738,623
Stocks	1,785,706	1,356,642
Oxalic acid (technical)—		
Production	1,550,038	1,584,652
Stocks	351,875	437,740
Phenobarbital and sodium salts—		
Production	24,683	20,171
Consumption	[4]	[4]
Stocks	51,342	56,424
Phthalic anhydride—		
Production	10,713,572	9,664,363
Consumption	2,441,743	3,138,638
Stocks	2,403,789	2,909,286
Riboflavin (for human use)—		
Production	9,039	7,629
Stocks	39,228	40,051
Sulfa drugs (total)[10]—		
Production	336,835	234,014
Consumption	38,781	[4]
Stocks	1,650,100	1,624,284

[1] Statistics of production of recovered acetic acid are confidential and therefore are not included in these data.

[2] Statistics reported here for acetic acid produced by direct process from wood and from calcium acetate are collected and compiled by the Bureau of the Census.

[3] Includes acetic anhydride produced from acetic acid by the vapor-phase process.

[4] Confidential because publication would reveal operations of individual companies.

[5] Includes statistics reported by distillers of purchased tar only.

[6] Statistics reported here for creosote oil represent oil produced by byproduct coke-oven operators and are collected and compiled by the Coal Economics Division of the Bureau of Mines.

[7] Includes statistics reported to the Bureau of Mines by byproduct coke-oven operators and compiled by the Coal Economics Division, Bureau of Mines, in addition to those reported to the United States Tariff Commission by tar distillers.

[8] Statistics reported here for crude naphthalene represent naphthalene produced for sale by byproduct coke-oven operators and are collected and compiled by the Coal Economics Division of the Bureau of Mines. The grades, melting at less than 74° C., 74° to 76° C., and 76° to less than 79° C., represent production for sale.

[9] These statistics are for three grades of crude naphthalene: The grade solidifying at less than 74° C., produced for sale only; the grade solidifying between 74° C. and 76° C.; and the grade solidifying at more than 76° C., but less than 79° C. As there is some conversion between grades, the data include some duplication.

[10] Statistics of production, consumption, and stocks of acetylsulphathiazole are included with those of sulfa drugs.

Source: Statistics collected and compiled by the U. S. Tariff Commission and issued jointly by the U. S. Tariff Commission and the War Production Board.

Lt. Merck Again Cited for Gallantry

Lieut. George W. Merck, jr., son of George W. Merck, president of Merck & Co., Inc., manufacturing chemist,

Lt. G. W. Merck, Jr.

Rahway, has been cited by Admiral Chester W. Nimitz for gallantry in action in the South Pacific.

The citation which covers an action in that area late last Fall explains that Lieut. Merck, in charge of anti-aircraft guns on an escorting vessel, drove off a large number of Japanese dive and torpedo bombers while landings by American forces were being made by a task group.

This is the second citation received by Lieutenant Merck, the first having been awarded him by Admiral Halsey for an earlier action during a daylight and night mission to Japanese territory in the South Pacific. Lieut. Albert W. Merck, brother of Lieut. Merck, has been serving in the army in the South Pacific for almost two years.

Patents Filing Priority Period Extension Asked

OPD Washington Bureau

A bill (H. R. 5236) has been introduced in the house by Representative Frank W. Boykin of Alabama extending the time within which applications for patents with the right of priority under section 4887 of the Revised Statutes (U.S.C., title 35, Sec. 32) may be filed with the Patent Office in cases where war conditions have prevented the timely file of such applications.

The bill states that if it can be shown to the satisfaction of the Commissioner of Patents within twelve months after the termination of the war that the filing of a patent was prevented by reason of conditions growing out of the war, and the right of priority had not expired on September 8, 1939, or arose after that date, the commissioner may extend the period of priority without the payment of extension fees for six months from the date on which the condition preventing the timely filing of the application disappeared or ceased to exist, or six months from the date of approval of this bill, whichever is the later, but in no case shall any extension go beyond twelve months after the termination of the war.

The privilege applies only to citizens of the United States and to citizens of other countries which have granted substantially reciprocal privileges to citizens of the United States. It is further provided that no claim may be made against the United States or any Allied government for use of such patents during and for twelve months after the war.

Pallets, Skids Standards Study Being Made

Following a conference with representatives of trade associations in the fields of production, distribution and transportation, the Department of Commerce has undertaken a study of the feasibility of establishing standard sizes for pallets and skids used in handling packaged merchandise in wholesale quantities. The study will be made jointly by the National Bureau of Standards and the Bureau of Foreign and Domestic Commerce.

Industrial Applications of Chemicals and Related Materials

872nd Instalment **("Where You Can Sell")**

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(Parenthetic figures are the numbers of patents in the United States or other countries; as designated)

Acetoxyacetaldehyde

Chemical—New chemical (Brit. 540133) interesting to research and development workers

1-Amino-2-orthotolyloxy-5-trifluoromethylbenzene

Dye—Starting point (Brit. 540597) in making dyestuffs which are claimed to be faster to light than those described in Brit. 294883 and faster to boiling than those of Brit. 361097 and 442884

Betabutylalphahydroxygamma-ketoepsilonphenyl Delta-alphadeltahexadienoate

Cosmetic—Filter (U.S. 2276204) in protectives against sunburn, for wavelengths less than 4600 Angstrom units.

Photographic—Filter (U.S. 2276204) for wavelengths less than 4600 Angstrom units.

Betadiethylaminoalphaphenyl-propanealphagammadiol Monosorbate-Hydrochloride

Pharmaceutical — New product, claimed (U.S. 2251946) to be of therapeutic interest.

Betapara-tertiary-amylphenoxy-ethoxyethyldiethanolamine

Adhesives — Wetting agent (U.S. 2229024) in various adhesive preparations.

Chemical — Wetting agent (U.S. 2229024) in making emulsions of various chemicals, textile lubricants.

Cosmetic — Wetting agent (U.S. 2229024) in creams, hand lotions, and the like.

Disinfectant — Wetting agent (U.S. 2229024) in disinfecting and germicidal compositions.

Dry Cleaning—Wetting agent (U.S. 2229024) in dry-cleaning solutions.

Dye—Wetting agent (U.S. 2229024).

Fats, Oils, and Waxes—Wetting agent (U.S. 2229024) in boring, cutting, drilling, and wire-drawing oils, greasing and lubricating compositions, sulphonated oils, wax preparations.

Firefighting — Wetting agent (U.S. 2229024) in solutions for extinguishing brush fires.

Ink—Wetting agent (U.S. 2229024) in lithographic, printing, and writing inks.

Insecticide and Fungicide—Wetting agent (U.S. 2229024) in insecticidal and fungicidal compositions, horticultural sprays.

Leather — Wetting agent (U.S. 2229024) in dressing, fat-liquoring, finishing, soaking, softening, tanning, and waterproofing compositions.

Metallurgical — Wetting agent (U.S. 2229024) in metalplating processes, metal-cleaning baths, scouring agents, solvent degreasing processes.

Miscellaneous—Modifier of surface tension of liquids in various products and processes.

Softening agent for fibers.

Wetting agent (U.S. 2229024) in beer-glass coasters, cleaning compositions for windows, glassware, rugs, upholstery, embalming fluid, ink removers, polishing compositions for furniture, automobiles, metals, wood, glass, shoes, and other articles, soldering fluxes, various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting, wallpaper removers, waterproofing compositions, water sprays.

Paint, Varnish, and Lacquer—Wetting agent (U.S. 2229024) in lacquers, paints and varnishes, and pigment manufacture.

Paper—Wetting agent (U.S. 2229024) in beater operations, dye liquors, felt conditioning, felt-cleaning agents, sizing, waterproofing and waxing compositions.

Petroleum — Wetting agent (U.S. 2229024) in acid treatment of oilwells, cutting oils, oil, pitch, and tar compositions.

Pharmaceutical—Suggested as wetting agent in oral antiseptics.

Photographic—Wetting agent (U.S. 2229024) in blueprint and photographic processes.

Rubber — Wetting agent (U.S. 2229024) in cements.

Soap—Wetting agent (U.S. 2229024) in detergent compositions, textile soaps.

Textile—Softening agent for fibers.

Wetting agent (U.S. 2229024) in bleaching, bowking, carbonizing, degumming and boiling-off, dyeing, fulling, kier-boiling, mercerizing, and soaking baths, coating, degreasing, oiling, scouring, sizing, spinning, washing, waterproofing, and waxing compositions, and printing pastes.

2-Chlor-4-tertiary-butylphenol Allylether

Insecticide and Fungicide — Toxic agent (U.S. 2207721) in insecticidal sprays.

Diethyleneglycol Di-N-hexoate

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2229222) in lacquers

Softening agent (U.S. 2229222) in lacquers

Plastics—Plasticizer (U.S. 2229222) in plastic compositions

Softening agent (U.S. 2229222) in plastic compositions

Dipentaerythritol

Paint, Varnish, and Lacquer—Starting point (Brit. 556829 and 556830) in making esters useful as driers with the aid of oleic acid, or castor oil, linseed oil, or soybean oil acid.

Duroquinol Octadecylether

Pharmaceutical — Claimed (U.S. 2247364) to have vitamin activity.

2-Ethyl-5-secondary-amylphenol

Disinfectant—Claimed (U.S. 2207753) as germicide.

Pharmaceutical — Claimed (U.S. 2207753) as antiseptic having an innocuous and nonirritating nature.

2-Furyl-Mercuric Hydroxide

Pharmaceutical — Claimed (U.S. 2206804) as antiseptic.

Hexamethylene-Diammonium Adipate

Plastics—Starting point (Brit. 549370) in making plastic films which will not become brittle in less than forty-eight hours at 150°.

2-Methyl-1:4-naphthaquinol Di(hydrogen) succinate

Pharmaceutical—Starting point (Brit. 541138) in making water-soluble sodium salts claimed to be of therapeutic value

2-Para-aminobenzenesulphon-ethylamido-5-methylthiazole

Pharmaceutical—Claimed (Brit. 517272) as therapeutically useful compound

Testosterone Benzoate

Chemical — Starting point (U. S. 2246540 in making 17-benzoyloxy-3-ethoxyandrostadiene

Tetrahydrofurfuryl Acrylate

Resins—Starting point (U.S. 2229997) in making resins by polymerizing alone or copolymerizing with other acrylates

Data similar to those above on Uses and Applications of **5167** *Chemicals and Related Industrial Materials in one 665-page book* **$10**

OPD—9-4-1944

A decade of Vitamin Leadership

For a decade—since 1934, when Ascorbic Acid was synthesized—the name Merck has been identified with leadership in the synthesis, development, and large-scale production of pure vitamins.

The following list of contributions in the vitamin field made by Merck chemists and their collaborators emphasizes the outstanding rôle played by Merck & Co., Inc. in the development of these vitally important substances.

1934

Ascorbic Acid Merck (U.S.P.) was made available by Merck & Co., Inc.

1936

Vitamin B_1 was synthesized in the Merck Research Laboratories.

1937

Thiamine Hydrochloride Merck (U.S.P.) was made available in commercial quantities.

1938

Nicotinic Acid Merck (U.S.P.) (Niacin) and Nicotinamide Merck (U.S.P.) (Niacinamide) were made commercially available.

1938

Riboflavin Merck (U.S.P.) was the second pure crystalline vitamin to reach commercial production during that year.

1938

Alpha-Tocopherol (Vitamin E) was identified and synthesized by Merck chemists and their collaborators in other laboratories.

1939

Vitamin B_6 was synthesized in the Merck Research Laboratories.

1940

Vitamin B_6 Hydrochloride Merck (Pyridoxine Hydrochloride) became available in commercial quantities.

1940

Alpha-Tocopherol Merck (Vitamin E) was made commercially available.

1940

Vitamin K_1 Merck (2-Methyl-3-Phytyl-1,4-Naphthoquinone) was made commercially available.

1940

Menadione Merck (U.S.P.) (2-Methyl-1, 4-Naphthoquinone), a pure chemical having marked Vitamin K activity, became available in commercial quantities.

1940

Pantothenic Acid, member of the Vitamin B-Complex, was identified and synthesized by Merck chemists and their collaborators in other laboratories.

1940

Calcium Pantothenate Dextrorotatory, a biologically active form of Pantothenic Acid, was made commercially available by Merck & Co., Inc.

1943

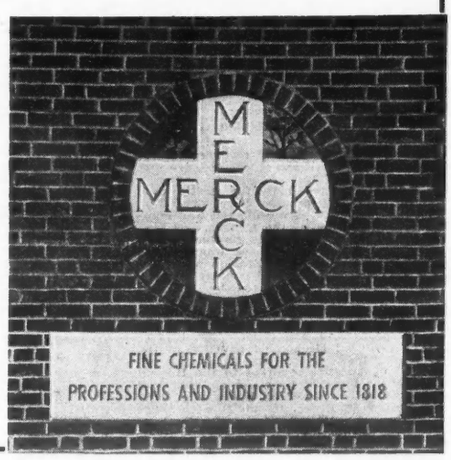
Biotin, member of the Vitamin B-Complex, was synthesized in the Merck Research Laboratories.

1944

Biotin Merck was made available for investigative use by Merck & Co., Inc.

Merck & Co., Inc. now manufactures all the vitamins commercially available in pure form, with the exception of vitamins A and D.

You are invited to write for literature



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Current Market Quotations
Chemicals and Related Materials

September 1, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
dms. .....lb. .42 - —
kgs. .....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms. .....lb. .38 - .40
kgs. .....lb. .35 - .36
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,5] dms., c.l., dlvd. E.°..lb. .08 - —
l.c.l., dlvd. E.°.....lb. .08½ - —
tanks, dlvl. E.°.....lb. .07 - —

° OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see MO).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —
Acetophenetidin, bbls., kgs., 1,000 lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½ -
Acetic,[1,6] com'l or redist., 28%, bbls....100 lbs. 3.88 - 3.93
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, nat'l, bbls....100 lbs. 9.15 - 9.40
tanks, works...100 lbs. 6.93 - 7.25
synth., bbls., works.... 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
glacial, nat., CP, cbys.100 lbs.13.50 -13.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.93 - —
USP, cbys.....100 lbs.11.70 - —
synth, CP, dms., works..... 100 lbs.12.50 -13.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works.100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[4] dms., c.l., frt. alld..lb. .11½ - —
l.c.l., frt. alld.....lb. .13 - —
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .22
Ascorbic,[1,6] USP, 500-kilo lots, dms..kilo.24.50 - —
30-kilo lots, dms.....kilo.25.00 - —
10-kilo lots, dms.....kilo.25.35 - —
2½-kilo lots, dms.....kilo.25.70 - —
1-kilo lots, dms.....kilo.26.41 - —
500-gram lots, bots.....kilo.27.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up...lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls., f.o.b. works..lb. .95 - —
Boric,[6] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld., ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broeners, bbls.....lb. 1.11 - —
Cacodylic, 6-lb. bots.....lb.22.00 - —
Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., dms., returnable, lb. .21½ - .22
Caprylic, tech., dms., returnable, lb. .27 - .27½
Castor oil,[5] split, dms., rct..lb. .20¾ - .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .06½ - .04½
tanks, works.....lb. .02½ - —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼ - —
l.c.l. .....lb. .16¾ - .18¼
Cinnamic, ref'd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l..lb. .22½ - —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½ - .26½
kgs. .....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20¼ - —
smaller lots.....lb. .23 - .24
kgs. .....lb. .21½ - —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,5] dist., dms....lb. .15½ - .17½
Corn oil, s.d., dms., c.l., works, lb. .12 - —
Cottonseed oil,[1,6] s.d., dms., c.l..lb. .12 - —
tanks, dlvd.....lb. .14¼ - —
Cresylic,[5,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal. ref....gal. .510 - —
Sewaren, N. J., ref..gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref..gal. .676 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10½ - —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
dmja. .....lb. .21 - .28
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, cone., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½ - —
60%, rubber dms., works...lb. .13½ - —
Hydrofluosilicic, 30-35%, bbls.lb. .06 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila...lb. .084 - —
tanks, works, basic acid content..lb. .06½ - —
Hypophosphorous, USP, djns., lb. .75 - .80
Lactic,[6] edible, 50%, cbys., 20 or more...lb. .12½ - —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½ - —
80%, bbls., cbys., 5 or more.. lb. .24¼ - —
1 to 4.....lb. .24¾ - —
plastic grade, bbls., cbys., 20 or more..lb. .14¼ - —
5 to 10 cbys.....lb. .14¾ - —
1 to 4 cbys.....lb. .15¼ - —
tech., dark, 22%, bbls., c.l., works...100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms.....lb. .20 - .20½
Laurent's, bbls.....lb. .45 - —
Linseed oil,[5] light, dms.....lb. .21½ - .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .26 - —
l.c.l. .....lb. .28 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .008½ - .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06¾ - —
6-lb. bots.....lb. .17½ - —
Myristic, dist., dms.....lb. No stocks.
Naphthenic,[6] 210-220 acidity, dms. extra, works..lb. .10¾ - —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾ - —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11¼ - —
7-lb. bots.....lb. .21½ - —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼ - —
10,000 lbs.....lb. .11¼ - —
smaller lots.....lb. .12¾ - —
Palm oil,[5] white, dist., dms..lb. No stocks.
tanks .....lb. No stocks.
Paramizobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, dlvd., lb. .11¼ - —
Phenylacetic, bots.....lb. 1.85 - 2.00
Phosphoric,[6] pure, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l....lb. .10¼ - —
10 cbys. to c.l.....lb. .11½ - —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½ - —
25 cbys. to c.l.....lb. .11½ - —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19½ - —
tanks, works.....lb. .18½ - —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E.gal. .80 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,5] s.d., dms....lb. .10¼ - .13½
tanks, works.....lb. .11 - —
Stearic,[1,5] double-presd., bgs..lb. .15¾ - .16¾
single press, bgs.....lb. .14¾ - .15¾
triple press, bgs.....lb. .13¾ - .19½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys., lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½ - —
9-lb. bots.....lb. .15½ - —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½ - —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½ - —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½ - —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½ - —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., dms., primary distributors, lb. .34 - .35½
producers .....lb. .30 - .33
Adeps lanae, hyd., dms., primary distributors..lb. .32½ - .34
producers .....lb. .31 - .33
Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd.....lb. 1.91 - 1.99
granular, cryst.....lb. 1.86 - 1.94
tech., cryst., bbls.....lb. 1.55 - 1.65
Alcohol, allyl., dms., c.l., dlvd. lb. .29 - —
l.c.l., dlvd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms. .....lb. .68 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. E..lb. .1050-
l.c.l., frt. alld. E...lb. .2050-
tanks, frt. alld. E....lb. .1850-
other production, dms., c.l., frt. alld. E..lb. .1550-
l.c.l., frt. alld. E....lb. .2000-
tanks, frt. alld. E....lb. .1850-
synthetic, dms., c.l., frt. alld. E..lb. .11¾ -
l.c.l., frt. alld. E....lb. .12¾ -
tanks, frt. alld. E.....lb. .10¾ -

° Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .155 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Cetyl, dom., CP, fiber etns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,6] CD2A, dms., c.l., dlvd. E..gal. .84½ -
19 dms., works, E.....gal. .56½ -
1 to 18 dms., works, E..gal. .59½ -
tanks, E., dlvd.....gal. .50 -

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —

Anhydrous 3c. per gal. higher.

SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E., gal. .65 - —
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD23H).
SD23H, works, c.l., bbls..gal. .61½ -
19 bbls.....gal. .63½ -
1 to 18 bbls.....gal. .66½ -
tanks, E. works.....gal. .49½ -
SD29, denatured, with acetaldehyde, bbls., c.l., E. works, gal. .62½ -
l.c.l., 19 or more, E. works..gal. .60 - —
1 to 18, E. works..gal. .62 - —
tanks, E. works.....gal. .50½ -

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .55½ -
19 dms. to c.l.....gal. .57½ -
1 to 18 dms.....gal. .60½ -
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms. c.l., dlvd..lb. .11¼ - .14½
l.c.l., dlvd.....lb. .11¾ - .15
tanks, dlvd.....lb. .10¼ - .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11¾ - .14
tanks, dlvd.....lb. .10¼ - .13½
Ethyl,[6] 190 pf., dms., c.l...gal.17.64¼ -
19 dms.....gal.17.68 -
1 to 18 dms.....gal.17.71 -
tanks .....gal.17.60 -
absolute, dms., c.l.....gal.18.62 -
18 dms.....gal.18.65½ -
1 to 17 dms.....gal.18.68½ -
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .95 - —
dms., c.l., works.....lb. .22½ - —
l.c.l., works.....lb. .25 - .35
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0860 - —
tanks, works.....lb. .0760 - —
Isopropyl,[2,6] refd., 91%, dms., 5 gals., dlvd..gal. .66½ -
55 gals., c.l., dlvd.....gal. .59 -
l.c.l., dlvd.....gal. .43¼ -
tanks, frt., alld.....gal. .54 -
99%, dms., 5 gals., dlvd.gal. .65 -
55 gals., c.l., dlvd....gal. .44 -
l.c.l., dlvd.....gal. .47 -
tanks, frt., alld.....gal. .37½ -
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.20
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63
Propyl, normal, dms., wks..gal. .67 - .76

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling
2—Price agreement (sellers with OPA)
3—General Limitation Order (L order)
4—General Preference Order (M order)
5—Conservation Order (M order)
6—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis..lb. .44 - .50
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alisarin (see Red, alisarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18 - .18½
Laredo, Tex., bgs.....lb. .17 - .17½
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½ - .28½
Alphapinene, dms., c.l., wks.gal. .84½ - —
l.c.l., works.....gal. .86¼ - —
tanks, works.....gal. .81¼ - —
Alphaterpineol, dms., c.l., works, lb. .1340 - —
l.c.l. .....lb. .1390 - —
tanks .....lb. .1200 - —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
divd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
divd., N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., wks.100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
divd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
divd., N. Y., Phil..100 lbs. 4.65 - —
Alum potash, chrome, bbls....lb. .12¼ - .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½ - .46
Acetate, basic solut., 24%, bbls., divd..lb. .10½ - .11
solut., 20%, bbls., divd...lb. .09½ - .10
Chloride, anhyd.,[3] com'l, dms., c.l., works..lb. .09 - —
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½ - .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾ - —
l.c.l., works.....lb. .06¼ - —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[4] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., divd.....lb. .14½ - —
bbls., divd...lb. .15 - —
Hydroxide, gel, tech., min. 15% AOH_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¼
smaller lots, same basis, lb. .03¾ - .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾ - —
contract, works.....lb. .16¾ - —
14-15% Al_2O_3, fib. dms., works..lb. .20¾ - —
contract, works.....lb. .19¾ - —
dried, USP XII, fib. dms., works..lb. .75 - —
contract, works..lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7%, Al, 50-gal. dms., works..lb. .18¾ - —
Oleate, dms., contract.....lb. .24½ - —
Resinate, precip., dms.....lb. .15½ - —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald., 100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Aluminum, 98-99% [2,3,4], c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
paste,[5] lining, extra fine, 200-lb. dm..lb. .66 - .69
grade B, 250-lb. dm.....lb. .54 - —
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .58 - —
grade B, 250-lb. dms.....lb. .56 - —
powder,[6] lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
grade B, 275-lb. dm.....lb. .57 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1¼c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, sns., dms., works..lb. .50 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots. .....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls .....lb. .16 - —
Aqua, 26°, cbys.....lb. .05¼ - —
dms., c.l.....lb. .02¼ - —
l.c.l. .....lb. .02½ - —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld.lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bisarbonate,[6] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .06¼ - .06¾
cns. .....lb. .14¾ - .17¾
powdered 1c. per lb. higher.
Chloride, tech. (see Ammoniac, salt).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Ammonia citrate, dibasic, bbls. lb. .75 - —
dms. .....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p. cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, ordnance, b g u, works..ton. No prices
tech., bgs., works....100 lbs. 4.35 - 5.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½ - .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼ - —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼ - —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½ - —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100% dms., c.l., works..lb. .07½ - —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .07½ - —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works...lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., divd..lb. .12½ - .17
l.c.l., divd.....lb. .15 - .17½
tanks, divd.....lb. .11¼ - .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½ - —
l.c.l., same basis.....lb. .16¼ - —
tanks, same basis.....lb. .14½ - —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., works..lb. .14 - —
c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½ - —
l.c.l., works.....lb. .10 - —
tanks, works.....lb. .08½ - —
Nitrite, USP, bots.....lb. 1.73 - 1.80
Mercaptan, dms., works....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½ - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. No prices
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11¼ - —
l.c.l., works, frt. alld....lb. .12½ - —
tanks, works, frt. alld....lb. .10½ - —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½ - .29
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs....lb. .18½ - .19
Syrian, bgs.....lb. .20½ - .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½ - —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½ - .17½
Needle,[1] Bolivian, brown, 67%, Chinese, black, 70%, cs. ca...lb. .20 - .22
Oxide,[1,6] bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½ - —
Salt,[1] 65%, bbls. divd. E. of Miss. River..lb. .40 - —
Sulphide,[2] 65-70%, bbls., l., works..lb. .17 - —
l.c.l., works.....lb. .17½ - —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 - 23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 2.50 - 2.60
Arrowroot, powd., bgs., bbls..lb. .10 - .10½
Arsenic,[6] metal, lump, bbls....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾ - —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis.....ton.44.00 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .08½ - .12
process form, bgs., wks.lb. .05¾ - .13
jet, bgs., 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbadoes, Dunellen, N. J...lb. .10½ - —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y...ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton 38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Asphaltum, gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines, ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. No stocks
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works. ton73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .15
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½ - .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .06 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09¼ - .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba So_4, bulk, mines..ton. 8.50 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[3] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90% dms., works. gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo., gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .53 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works. lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs .....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns .....lb. 3.45 - 3.50
Bisphenol-A, brs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .32 - —
Black, acetylene,[6] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .13 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½ - —
400A, bgs., bbls., c.l., same basis..lb. .08½ - —
457, bgs., bbls., c.l., same basis..lb. .11½ - —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., divd. or whse..lb. .07½ - —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., divd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½ - —
Lamp, 1, ctns., works.....lb. .08½ - —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works....lb. .12 - —
l.c.l., works.....lb. .13½ - —
3, ctns., c.l., works.....lb. .14¼ - —
l.c.l., works.....lb. .15¼ - —
4, ctns., c.l., works.....lb. .16¼ - —
l.c.l., works.....lb. .17¼ - —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .20 - —
6, ctns., c.l., works.....lb. .26¼ - —
l.c.l., works.....lb. .27¼ - —
7, ctns., c.l., works.....lb. .37¼ - —
l.c.l., works.....lb. .38½ - —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾ - —
Vine A, bbls.....lb. .04½ - .05
B, bbls.....lb. .05¾ - —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 - .35
Black Indian hemp root, bls...lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works. ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 2.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .12¼ - —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., divd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .13
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.80 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.98 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —

Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .55 - .75
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis, ...ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works. ton.35.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[3] tech., 99¼%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —

Acids

★

CITRIC

LACTIC

MALIC

PHOSPHORIC

TARTARIC

AND OTHERS

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WILLIAM D. NEUBERG COMPANY

Chemicals

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TELEPHONE LEXINGTON 2-3324

Borax, tech., 99½%, powd., bgs., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP. $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[2] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works..lb. .03¾- .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works..lb. .03 - .10
Umber, American, bbls., works, lb. .03¾- —
Italian type, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05½- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles.lb. .05½- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03¼- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1960- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —

Butyl acetate, synth., normal, tanks, same basis..lb. .10¾- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots. .....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.89
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots .....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots .....lb. 3.25 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots .....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.20 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd.....100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07½- .08¼
Bromide, jars .....lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots .....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -31.50

Calcium chloride, solid, 73-75%, dms., l.c.l., 15 tons, dlvd. ton.21.45 -25.45
5-ton lots .....ton.28.45 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs. .....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots .....lb. 1.40 - —
cns., 25 lbs. .....lb. 1.65 - —
Hypophosphite, cns. .....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP, bbls. .....lb. .35 - .37
Laurate, bbls. .....lb. .28 - .30
Mandelate, dense, fluffy, dm..lb. 2.05 - 2.90
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs.....100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works.lb. .0635- —
Resinate, precip., 5.5% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls. .....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .13¼- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[6] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots .....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10

Caraway seed,[1] Morocco, dewhiskered, bgs..lb. .62 - .69
Spanish, dewhiskered, bgs..lb. .66 - .67
Syrian, dewhiskered, bgs....lb. .64 - .66
Carbazole, 95%, dms., ton lots, works.....lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .75 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .84 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .88 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, bold, cs., lb. 1.20 - 1.25
medium, cs.....lb. 1.10 - 1.15
decorticated, cs.....lb. .85 - .90
green, bgs.....lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carvol, bots.....lb.22.50 -23.00
Cascara sagrada bark, bulk....lb. .30 - .31
Case hardening mixture, 30%, gran., dms., l.c.l...lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —

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INDIAN "SHAMVA" MAGNESITE

INDIAN "SHAMVA" HEAVY CALCINED MAGNESIA

COLOR-WHITE MANGANESE 0.001% IRON 0.1% MAGNESIA (on Ignition) 94% Plus

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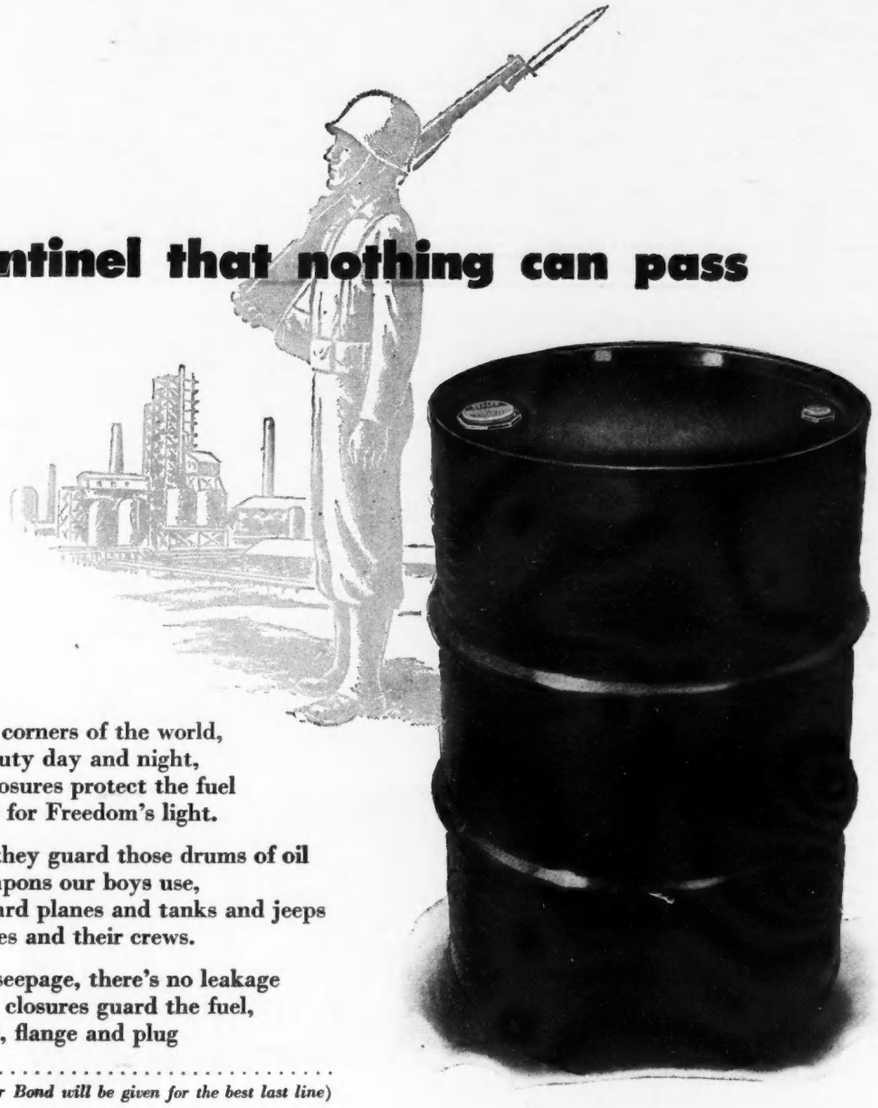


In the four corners of the world,
On guard-duty day and night,
Tri-Sure Closures protect the fuel
In the fight for Freedom's light.

Out there, they guard those drums of oil
For the weapons our boys use,
And safeguard planes and tanks and jeeps
Their cargoes and their crews.

There's no seepage, there's no leakage
When these closures guard the fuel,
For the seal, flange and plug

. . . . . .

(A $100.00 War Bond will be given for the best last line)

Verse by Kay Twomey

WIN A $100.00 WAR BOND — A prize of a $100.00 War Bond will be given for the best last line suggested for the verse above. Try your hand now—and send along as many suggestions as you wish. Print or type your name and address, and mail to Contest Editor, American Flange & Manufacturing Co. Inc., 30 Rockefeller Plaza, New York 20, N. Y. Decision of judges is final.

Tri-Sure
Reg. U. S. Pat. Off.
CLOSURES

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
TRI-SURE PRODUCTS LIMITED, ST. CATHARINES, ONTARIO, CANADA

Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis, lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20, same basis, lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .18 - .18½
rennet-precip., unground, bgs., 100 bgs. or more..lb. .20½- .21
Cassia,[1] .....lb. No stocks
Cassia fistula, bkts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton.75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.50 -13.00
synth., bots.....lb.19.00 - —
Catechol, CP, cryst., works, fib. dms., tin..lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .32 - .35
Celery seed,[1] Indian, bgs.....lb. .19½- .20
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis..lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works..... ..lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —

Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02⅞- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works, ton.32.50 - —
rubbermakers, bgs., c.l., works, ton.30.00 - —
Chamomile, Hungary type, cs..lb. .50 - .60
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South..ton.30.20 - —
l.c.l., same basis.....ton.41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works..100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tanks, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks., l.c.l., ex whse. ton.41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —

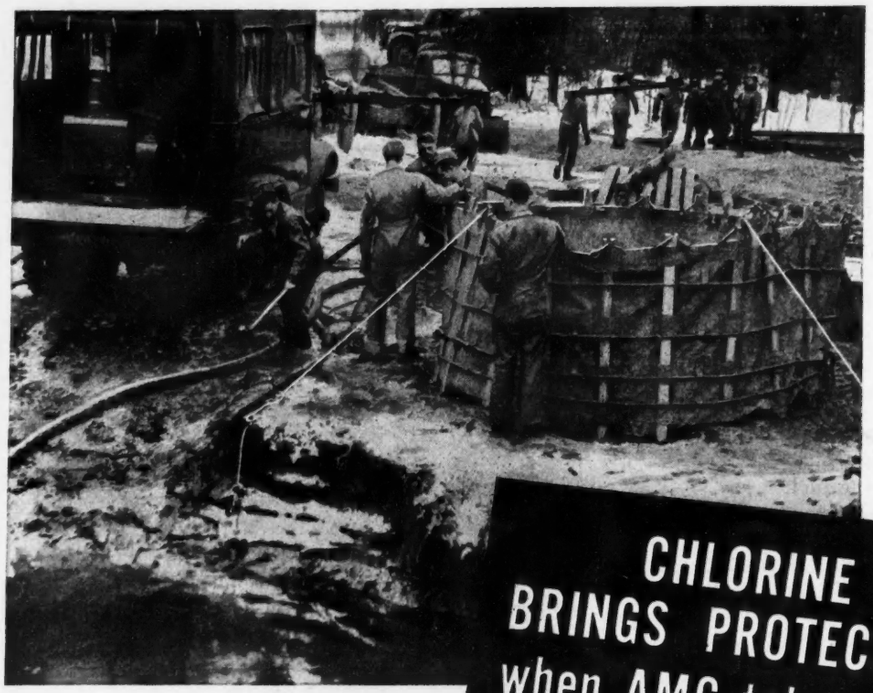
Chlorine,[2,5,6] liquid, cyls., c.l.lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..... 100 lbs.2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1. wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms..lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bot.....lb. 6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
broken, bgs.....lb. .19 Nom.
yellow, quill, bgs.....lb. .19 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs..oz. .89 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½*
large cryst., cns., 100 ozs..oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .43 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots.....lb. 3.70 - 3.80
dms. .....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment,[3] jars.....lb. .91 - 1.11
Citronellal, bots., dms.. .....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Madagascar, futures, bls..lb. .16½- .17
Zanzibar, bls.....lb. .21½ Nom.
Clover tops, red bgs.....lb. No prices.
Coaltar, coal-gas, crude, bbls., l.c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07¼- —
refd., bbls., c.l., works...bbl. 8.75 - —
l.c.l., works .....bbl. 9.25 - —
tanks, works .....gal. .08¼- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.53 - —
feed grade, 23% Co., kgs...lb. 1.83 - —
Chloride, kgs., works.....lb. .97½- —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Hygrade,[6] bbls. .....lb. 2.04 - —
feed grade, 62% Co., kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .81 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleate, bbls. .....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .85 - —
feed grade, 21% Co., kgs...lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls. .....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks.
Cochicum seed .....lb. No stocks.
Collodion, USP, dms.....lb. .19½- .20½
cns. .....lb. .23 - .23¼
flexible, USP, dms. .....lb. .21 - .22
cns. .....lb. .25 - .31
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bg.....lb. .12 - .15
Copaiba balsam, Peru, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .50
Carbonate,[6] 52-54%, bbls...lb. .19½- .20
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls. .....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots. .....lb. 5.15 - 5.19
Metal,[1,6,8] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,[6] tech., cryst., bbls..lb. .16¾- .20
Oleate, precip., bbls.....lb. .22½- .29½
Oxide,[6] black, bbls., works..lb. .19 - .26
red, com'l, kgs.....lb. .20 - .22
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs., in dms., c.l., dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs.10.95 - —
dms., c.l., dlvd., same basis, 100 lbs. 8.95 - —
l.c.l., same basis...100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25, works....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13½ Nom.
Cornsilk, bls.....lb. .24 - .25
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs.3.905 - —
slabs, bbls., c.l.....100 lbs.3.325 - —
Syrup, 42°, bbls., c.l....100 lbs.4.221 - —
43°, bbls., c.l.....100 lbs.4.271 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .18 - .19
Cottonseed hull ash, 33-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½- —
Creosote carbonate, bots., cbys., lb. 2.10 - 2.39
Coaltar, oil,[6] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Creosote, wood, beech, bots....lb. 1.04 - —
cbys., dms.....lb. .85 - —
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10⅛
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾



CHLORINE BRINGS PROTECTION when AMG takes over

As combat troops advance beyond captured territory, specially trained officers and men move in and take over civilian administration. This is AMG . . . Allied Military Government of occupied territory . . . which includes in its multitude of duties the sanitation of potable water.

After the landings in Sicily and Italy, AMG took control of the water and with the aid of chlorine provided quick protection against water-borne disease.

Chlorine and its compounds are playing many an important role in war sanitation . . .

Not only are they used for purifying water at the front and in training camps—but they serve also as bactericides for the medical and dental corps—they are used in laundries for bleaching and disinfecting—in footbaths they protect against common fungus infections.

For these urgent and vital needs Penn Salt supplies much of its present expanded output of chlorine chemicals. That means, possibly, that we cannot fill your order for customary peacetime amounts. However, our wide wartime experience in this field and our increased facilities will be put wholeheartedly at your service as soon as Victory is won.

SOME OF THE PRODUCTS MANUFACTURED BY PENN SALT:

ACIDS, Sulphuric, Muriatic, Mixed Acids, Hydrofluoric, Hydrofluosilicic, Nitric • AMMONIA • ALUM, Sulfate of Alumina • HYDRATE OF ALUMINA • BLEACHING POWDER • AMMONIA, Anhydrous and Aqua • CARBON BISULPHIDE • CARBON TETRACHLORIDE • CAUSTIC SODA • CORROSION-RESISTING CEMENTS • LIQUID CHLORINE • FERRIC CHLORIDE • FLUORIDES AND FLUOSILICATES • HYDROGEN PEROXIDE • *KRYOLITH Flux and Opacifier • *KRYOCIDE Insecticide • *ORTHOSIL AND *PENNSALT METAL CLEANERS • SAL AMMONIAC • SODIUM ALUMINATE.

*Trade-marks Reg. U. S. Pat. Off.

PENNSYLVANIA SALT MANUFACTURING COMPANY

Chemicals

1000 WIDENER BUILDING, PHILADELPHIA 7, PA.

New York • Chicago • St. Louis • Pittsburgh • Cincinnati • Minneapolis • Wyandotte • Tacoma

Cresol, USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l. 100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09½- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[4] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. al'l. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Decanol,[4] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .23 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,4] common, bbls.....lb. .10 - .12
neutral, 2% ffa, bbls.....lb. .26 - .29
over 2% ffa., bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[4] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[4] 5-gal. cns., works..lb. .2480- .2609
1-gal. cns., same basis..lb. .2609- —
dms., c.l., same basis....lb. .1950- .2359
l.c.l., same basis.....lb. .2000- .2409
tanks, same basis.....lb. .1850- .2259
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[4] dms., c.l., works..lb. .15 - —
l.c.l., same basis.....lb. .16 - —
tanks, same basis.....lb. .14 - —
Diethanolamine,[4] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —
Phthalate,[4] dms., c.l., dlvd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[4] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether,[4] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .15¼- .15¾
Dimethyl phthalate,[4] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol)
Dinitrobenzene, bbls., 80° min..lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[4] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,4] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
single dist., dms., dlvd. E..gal. .55 - .58
tanks, dlvd. E.....gal. .52 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[4] bbls.....lb. .25 - —
Diphenylguanidin,[4] dms., tons..lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[4] bgs., ex dock.....ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs andt cosmetics—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1 cns. lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Dyes, coaltar (certified colors for foods, drugs and cosmetics—
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 2, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.95 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics—
Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns...lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb.12.85 - —
Green, Ext. D&C green, No. 1, cns..lb.12.85 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[4].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202, Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .43
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .85 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .78
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
496 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80

When it can't be left to chance

Alone on the ocean's floor, the Navy diver works with care and precision. Hampered by his cumbersome equipment, beset with innumerable other difficulties, he must nevertheless perform skilled mechanical operations for essential construction. His work must be right . . . nothing can be left to chance.

Nor can chances be taken in the production of Columbia chemicals . . . for so many products are dependent for their standards and efficiency on chemicals which conform in every way to specifications. Columbia is meticulous in its production methods, its tests and inspections. In leaving nothing to chance in its own processes, it eliminates risks for its customers. This is why Columbia is the exclusive source of supply for so many.

COLUMBIA CHEMICALS

PITTSBURGH PLATE GLASS COMPANY
COLUMBIA CHEMICAL DIVISION
GRANT BUILDING • PITTSBURGH 19, PA.

CHICAGO • • • BOSTON • • • ST. LOUIS • • • PITTSBURGH • • • NEW YORK • • • CINCINNATI
CLEVELAND • • • MINNEAPOLIS • • • PHILADELPHIA • • • CHARLOTTE

COLUMBIA SPOTLIGHT

UNUSUAL STRENGTHS are among the numerous advantages obtained in Columbia's new thermosetting plastic, Allymer. Other points of superiority are its resistance to heat, crazing and marring . . . form stability . . . resistance to weather and to solvents, as proved in various critical war materials. Allymer is now available in sample quantities for experimental purposes. You may have research reports and other free data by writing.

ONE FOR RIPLEY—A recent shipment of 60,000 cases of bottled beer to the South Pacific traveled 9,000 miles with the breakage of only 27 bottles! This remarkable packaging achievement of the Glass Container Industry focuses attention on its splendid wartime record. Among the many products destined for export in glass to our fighting men overseas, 1944 requirements call for 678,800,000 beer bottles . . . 50,000,000 bottles for water purifier tablets . . . 98,600,000 insect repellent bottles!

PIG IRON production gets a big boost when high sulphur content can be reduced. Soda Ash has the stuff, chemically, to do it—but the problem is to bring it into sufficient surface contact with the molten iron. Columbia solves it with its Soda Briquettes—compressed pellets composed chiefly of Soda Ash. Added to the ladle at the time the pigs are cast, Soda Briquettes get the surface contact necessary for effective desulphurizing—and reduce expensive dusting losses. A newly prepared folder will be furnished on request.

SODA ASH production records illustrate the tremendous Twentieth Century growth of the nation's chemical industry. A basic chemical for the Glass industry, Soda Ash is also used extensively by the Textile and Paper industries and serves in a wide variety of cleansing operations. In a single month, total U.S. production of Soda Ash now approximates that for the entire year of 1899 . . . and Columbia's own annual production exceeds that tonnage by a substantial margin.

COLUMBIA CHEMICALS include Soda Ash, Caustic Soda, Sodium Bicarbonate, Liquid Chlorine, Silene EF (Hydrated Calcium Silicate), Calcium Chloride, Soda Briquettes, Modified Sodas, Caustic Ash, Phosflake, Calcene T (Precipitated Calcium Carbonate) and Calcium Hypochlorite.

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .95 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Black—
865 Nigrosin derivatives..lb. .36 - .44

Blue—
7075 Alizarin astral base.lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —

Brown—
Brown .....lb. 1.15 - —

Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —

Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —

Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —

Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.35 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Blue:—
714 Patent blue A.....lb. 1.05 - 1.10

Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —

Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —

Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841..Safranin .....lb. 1.45 - —

Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Black:—
864 Nigrosin .....lb. .36 - .44

Blue:—
860 Indulin .....lb. .60 - .70

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Brown:—
331 Bismarck brown.....lb. 1.50 - —

Green:—
637 Malachite green base.lb. 2.00 - —

Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —

Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —

Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —

Violet:—
680 Methyl violet base....lb. .85 - —

Dyes natural (see name of article).

E

Echinacea root, bls.....lb. .95 - 1.00
Egg[1] albumen (see Albumen).
Yolk, dried, dom.....lb. 1.00 - 1.15
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .50 Nom.
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l. .....lb. .08 - .09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic ..see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[2,6] 85-90%, dms., c.l., frt. alld..lb. 11.70- 12.75
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., f.o.b. Agnue, Calif..lb. .28 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works.lb. .59 - —
smaller lots, same basis....lb. .62 - .69
Ethyldiethanolamine, dms., l.c.l., works..lb. .90 - —
Ethylene dichloride,[2] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842- —
West of Rockies, same basis..lb. .0891- —
l.c.l., works, E. of Rockies, alld..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[2,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, d m s., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylethanolamine, d m s., c.l., works..lb. .87 - —
l.c.l., works.....lb. .90 - —
Ethylmorphine hydrochloride, bots..oz.10.55 -10.75
Ethyldinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more, lb. 5.25 - —
smaller lots.....lb. 5.50 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

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General American engineers are ready now to consult with you—to plan new tank cars with every feature needed to transport your products safely. Call or write our general offices—135 South LaSalle St., Chicago 90, Ill.

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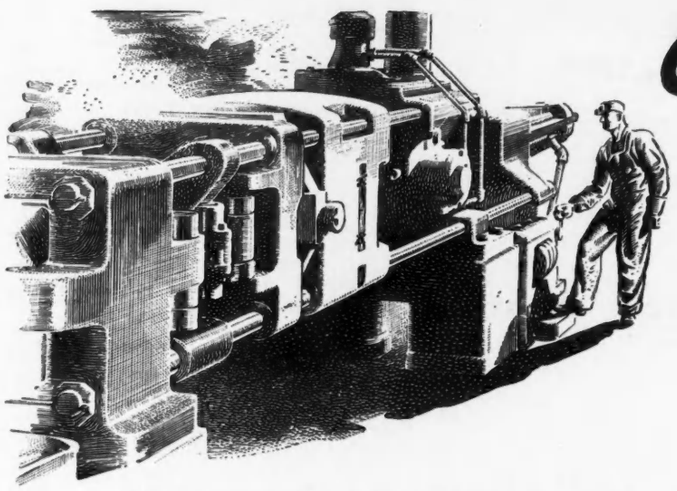
Celanese* Chemicals

The use of Lindol as the hydraulic fluid in this die-casting operation—which involves high pressures and the presence of molten metal—is insurance against serious fires or explosions in case of leaks. This is one of many applications where Celanese organic phosphates render a vital service in reducing industrial hazards.



Chemicals Plus—

The Celanese concept of chemical service

THE SCIENCE of synthetics has transposed many deficiencies in "natural" substances to "built-in" advantages precisely suited to industrial needs.

Problems of corrosion, flammability, oxidation, heat resistance, volatility, and many others, have steadily yielded to the chemist working in synthetics.

The Celanese organic phosphates are examples. Since originating Lindol*, a pioneer product in this field, Celanese has created many "custom-made" variations of organic phosphates to meet industry's requirements with greater precision.

"Celluflex"* and "Cellulube"* for instance, have opened up a wider range of variations in solubility, specific gravity, higher viscosity, stability and electrical properties.

At Celanese, research is flexible and continuous. No material is regarded as having reached the ultimate in development.

Greater precision is always the goal—not just adequacy. This attitude toward research—required in such large measure by the very nature of synthetics—is an asset of the Celanese Chemical organization that will become increasingly important in meeting the problems and opportunities of postwar production. That is why Celanese welcomes inquiries that present needs in terms of properties and characteristics required.

PLASTICIZERS
ORGANIC PHOSPHATES
LUBRICANT ADDITIVES
INTERMEDIATES
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*Reg. U. S. Pat. Off.

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F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min., 2 tons.....ton.17.00 -30.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20¼
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., same basis.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal.19.00 -20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleaseed, French, black, bgs..lb. .70 - .75
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines. net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,2,6] bbls., c.l., works..lb. .0320- —
l.c.l., works.....lb. .0370- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago.....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works. lb. .15½- —
l.c.l., works.....lb. .18 - .25½
tech., dms., contracts, 150,000 lbs. .10 - —
c.l., works.....lb. .13 - —
l.c.l., works.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works,gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refnery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05¾- —
Bayonne, 70-74 oct., tanks... gal. .09075- —
Gasoline, at refinery, ex tax:—
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05¾- .06½
Group 3, 70-74 octane, tanks, gal. .06½- .06¾
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05¾- .06
Pennsylvania, western, U. S. motor 70-74 octane, leaded, tanks..gal. .07¾- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Gelsemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .27 - .27½
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .25½ Nom.
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .26½- .27
No. 3, bgs.....lb. .25½- .26
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[6] producers,' calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
Glue, bone, producers, calcium-type, 24 millipoise, 58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls. ½c over bags.
Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soaplye, 80%, tanks.....lb. .10 - —
refined, c.p., 95%, dms., c.l..lb. .15¼- —
l.c.l.....lb. .15¾- —
tanks.....lb. .15 - —
dynamite, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
high gravity, dms., c.l.....lb. .14¾- —
l.c.l.....lb. .15¼- —
tanks.....lb. .14½- —
yellow, distilled, dms., c.l..lb. .15⅝- —
l.c.l.....lb. .16¼- —
tanks.....lb. .14⅝- —

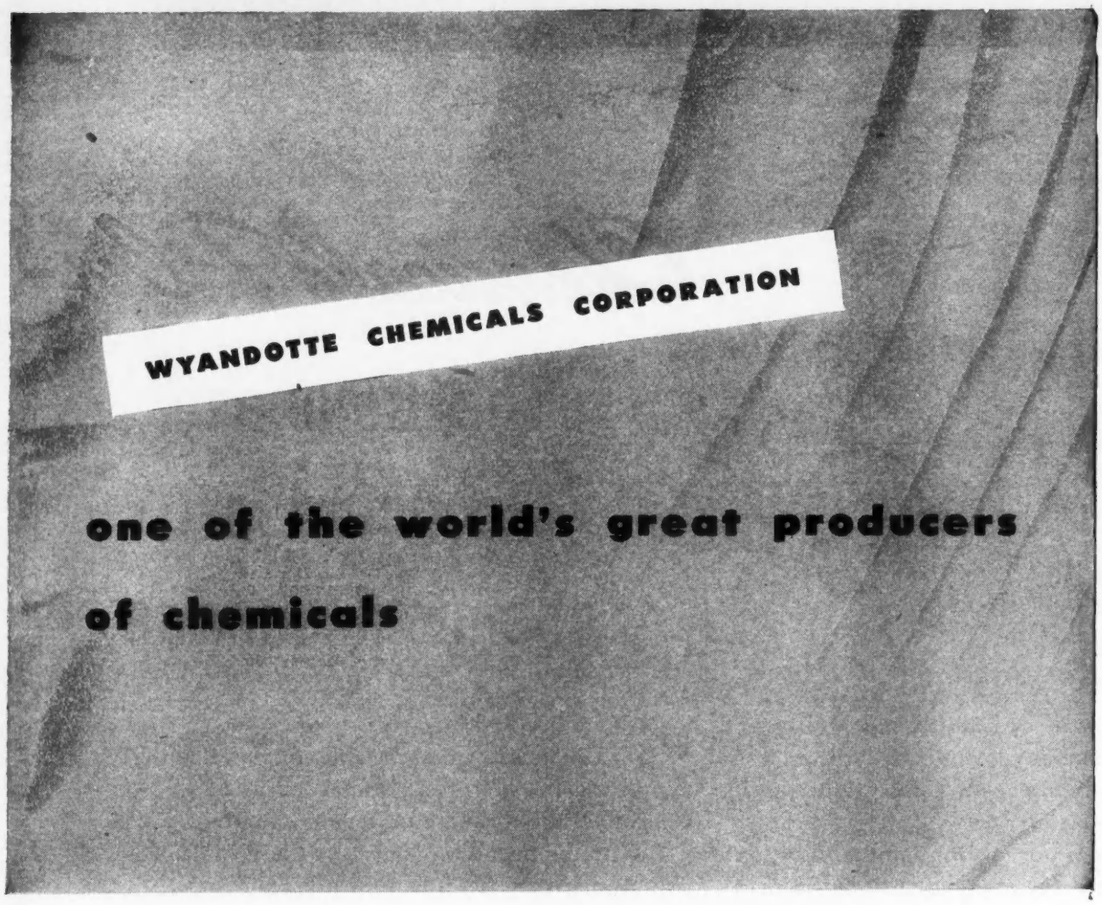
Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between Zone A and C as follows:—Ariz., Col., west of and including counties specified above Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Kilchat, Oklanogan, and Yakima.

Zone C, territory west of Zone B.

Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol borborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.00 - 7.50
powd., bxs.....lb. 7.25 - 7.75
Grain of Paradise, bgs.....lb. No stocks
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works..lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs, same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,6] house, loose.....lb. .08¼- —
white, choice, loose.....lb. .08⅞- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis..lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

Green, chrome, prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .18 - .28
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73



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CAUSTIC SODA
BICARBONATE OF SODA
CALCIUM CARBONATE
CALCIUM CHLORIDE
CHLORINE
HYDROGEN
DRY ICE
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SULPHURIC ACID	BONE FLOUR
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ALUMINUM SULPHATE	DIGESTA BONE MEAL
AMMONIA ALUM	EDIBLE GELATIN
POTASH ALUM	EXTRACTED BONE GLUE
POTASSIUM SULPHATE	MEAT SCRAP
BONE BLACK	TANKAGE
BONE MEAL	SULPHATE OF AMMONIA
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HOUSTON, TEXAS LITTLE ROCK, ARK. BUENOS AIRES, ARGENTINA

SALES OFFICES

SAN FRANCISCO HOUSTON NEW YORK

Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11½- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted No. 30, bgs., c.l., ex dock or port, whse..lb. .55½- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09½- —
35, bgs., same basis....lb. .15¾- —
36, bgs., same basis....lb. .12½- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¼- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11¼- —
unsorted, No. 1, bgs., c.l., same basis..lb. .14¾- —
2, bgs., c.l., same basis..lb. .12¾- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis.. lb. .14¾- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis.lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis.. lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —

Gum, copal, East India, pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅝- —
chips, same basis....lb. .11½- —
dust, same basis.....lb. .05½- —
nubs, same basis....lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .22⅝- —
chips, same basis....lb. .11¾- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16⅝- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07⅝ —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11⅝- —
Manila, Boeas,[1] hard, bold, amber, light, bakts, c.l., same basis..lb. .13½- —
dark, light, same basis.. lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12⅜- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07⅝- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11⅝- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis. lb. .15½- —
dust, same basis.....lb. .07⅝- —
whse., entry point, c.l., lb. .08⅜- —
Philippine,[1] Manila, extra bold, pale scraped, bakts., same basis..lb. .15 - —
bold, pale scraped, same basis..lb. .15 - —

Gum, copal, Philippine, extra pale, bold sorts, same basis..lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis. lb. .13⅜- —
seeds, dust, same basis...lb. .08¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅝- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅝- —
mixed, same basis.....lb. .17⅝- —
chips, small, same basis..lb. .12⅝- —
cuttings of split, same basis. lb. .19¼- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35⅜- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28⅝- —
A/E, same basis.....lb. .25⅝- —
B, same basis.....lb. .34⅝- —
C, same basis.....lb. .28⅝- —
D, same basis.....lb. .25⅝- —
E, same basis.....lb. .18⅝- —
F, same basis.....lb. .13⅝- —
dust, same basis.....lb. .13⅜- —
Singapore,[1] No. 1, cs., c.l..lb. .30⅝- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis..lb. .12⅝- —
chips, cs., same basis.....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17⅝- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09¾
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09¼- —

Gum, ester, ord., dms., c.l., other points, dlvd..lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc.. lb. .09¾- .10
other points, dlvd.....lb. .10¼- .12
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.. lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .25 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65⅝- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls...lb. .68 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. 1.40 Nom.
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N. Y., Blue Rapids, Kan., Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .60 - .65
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[3,9] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.20 - 1.25
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .20 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[3,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.60
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.29.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastic (see Goldenseal).

The Uniformity of *WECOLINE* Distilled Fatty Acids Insures the Uniformity of YOUR Products

THE uniformity and purity of Wecoline Distilled Fatty Acids has enabled users to meet rigid standards of quality.

●

Our trained Laboratory Staff is at all times available for the development of special distilled Fatty Acids for specific uses.

Wecoline Distilled Fatty Acids Lead the Field

E. F. DREW & CO., INC.
NEW YORK BOSTON CHICAGO
FACTORY AND LABORATORIES: BOONTON, N. J.

Hydrofuramide, dms., fib., cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz. 20.00 -37.50
Hydrobromide, bots.....oz. 20.00 -37.50
Sulphate, bots.....oz. 20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N. F., bots.....lb. 2.45 - 4.30
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 2.60 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd. .....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kgs., works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07½- —
dms.....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb. .10 - —
Citrate, USP VIII, gran., dms.lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms.....lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .53
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs. .....lb. .47 - .49
Oxide, black (see Black Iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinte, 7.4% Fe, 100-lb. dms., lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms.....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate,[6] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl triocyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks .....lb. .04½- —
Isopropylamine, dms., works...lb .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .39 - .40
powd., bbls., bxs.....lb. .46 - .47
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .70 - .85

K

Kamala, tins.....lb. .40 - .45
Kaolin (see China clay)
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. 04½- .04¼
Bayonne, 41-43 w.w., tank... gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Texas, 42-44 w.w., tanks, gal. .04⅝- .04¾
Penn., 45 w.w., tanks....gal. .07½- .08
46 w.w., tanks.....gal. .07¼- .07⅝
47 w.w., tanks.....gal. .07¾- .08
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,3] pure, ref., trcs...100 lbs. .1522½- —
Chicago, trcs.....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .28
Laurel leaves, Cyprus, bls.....lb. .30 - .31
Greek, bls.....lb. No stock
Portuguese, bls.....lb. .19 - .19½
Turkish, bls.....lb. .33 - .34
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95

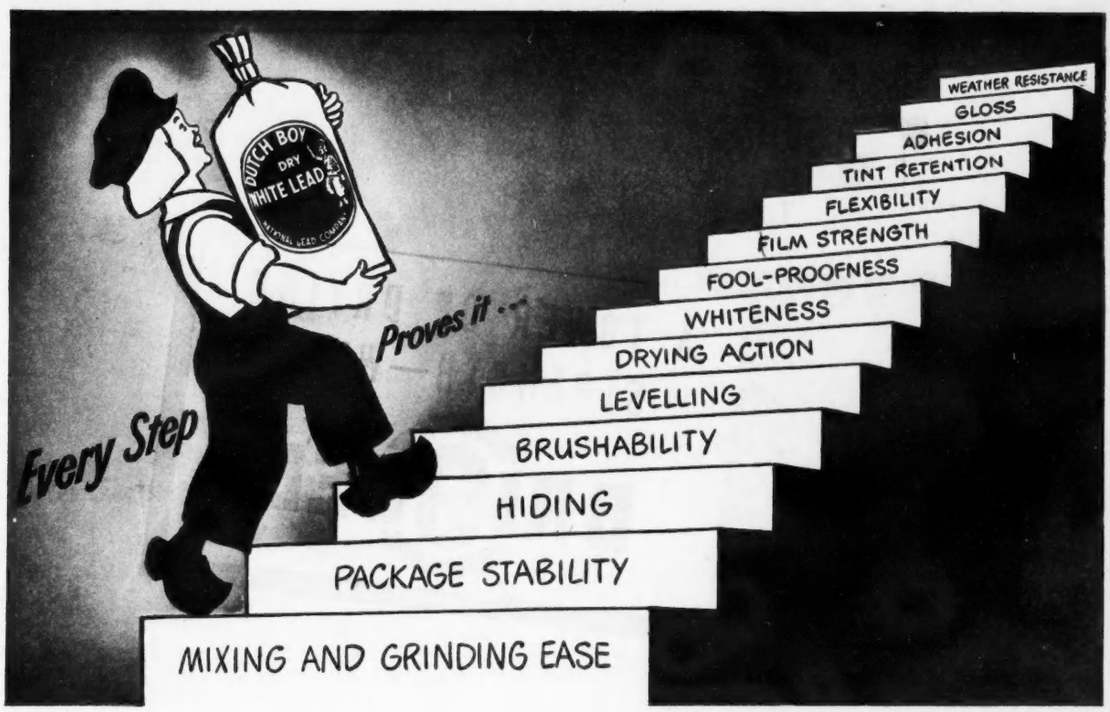
Lead,[1,3] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13½- —
Arsenate,[1,6] paste, stand., cns., c.l..lb. .05¾- .06
l.c.l. .....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11¾- .12
l.c.l. .....lb. .12 - .12¼
1-lb. ctns., c.l.....lb. .18½- .22¼
l.c.l. .....lb. .19 - .23
standard, 3-lb. bgs. or larger, lb. .11 - .11½
l.c.l. .....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16½- .20¼
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l .....lb. .18½- .23¼
½-lb. ctns., c.l.....lb. .21 - .25
l.c.l. .....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. In lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Colo., Fla., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Colo., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22¾-

Lead, metallic paste, works...lb. .19¾- .21½
Naphthenate, 24%-30% Pb, 50-gal. dms..lb. .14¼- .17⅛
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .28 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Colo., etc.....lb. .10¼- —
Ariz., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —

Lead, red, dry, 98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc., lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.3% Pb., 160-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb, 50-gal. dms., lb. .22¼- —
Stearate, bbls.....lb. .31 - .35
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld.lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Cali., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd., other points..lb. .08¼- —
l.c.l., dlvd., Ariz., etc.lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07½- —



White Lead has *More* of the Properties that make Good House Paint

No wonder so many paint men swear by Basic Carbonate White Lead. For this *one* pigment gives them a hand *every* step of the way—right on through from mixing and grinding to weather-fight.

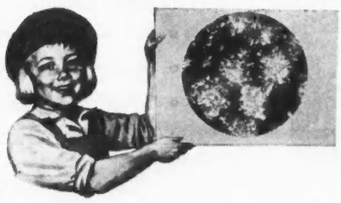
In fact, White Lead has *more* of the properties that make good paint than any other white pigment. Run your eye up the steps of paint success above and check these qualities for yourself.

These White Lead advantages are not just claims but are borne out by years of results both in the field and the laboratory. They're also confirmed by the longest continuous outdoor paint testing project on record—27 years of actual weather tests of a wide variety of different paint formulations—made at our Paint Experiment Station at Sayville, Long Island.

Still another "seeing is believing" demonstration of White Lead's paint-making "plusses" is represented in the photomicrograph at the right. This shows how the "lead soap" structures formed when White Lead reacts with oil, reinforce the paint film.

Add it all up and you'll see why White Lead's record has gleamed so brightly through the years and why paint men accept White Lead as the starting point in house-paint formulations.

One of its secrets... "LEAD SOAPS"



The photomicrograph at left shows the "lead soap" formations to which many of White Lead's paint-making properties are traceable. Characterized by a fibrous structure with multiple projections radiating from a central core, these soaps spread out and mechanically reinforce the paint film. Thus they help make a more completely bonded film, having greater toughness, flexibility, adhesion and weather resistance.

The tendency of white lead to combine with linseed oil also explains why this pigment wets easily and consequently mixes and grinds well.

Meet the Dutch Boy "Quintuplets"

The Dutch Boy offers five Basic Carbonate White Leads, with varying degrees of oil absorption, hiding and paint-thickening power. Our technical staff will gladly give you the benefit of its many years of research in helping you decide which type best fits your particular product.

111
333
HTS
CARTER
DUTCH

DUTCH BOY *Basic Carbonate* **WHITE LEAD**

NATIONAL LEAD COMPANY—*New York, Buffalo, Chicago, Cincinnati, Cleveland, St. Louis, San Francisco; Boston (National-Boston Lead Co.); Pittsburgh (National Lead & Oil Co. of Penna.); Philadelphia (John T. Lewis & Bros. Co.)*

Lead, white, basic carbonate, in oil, consumers, kgs..lb. .13¼- .13¾
dealers, 100-lb. kg.....lb. .11¾- .11⅞
painters, 100-lb. kg.....lb. .12¼- .12⅝
Lecithin, edible, dms., c.l.....lb. .28½- —
l.c.l. .....lb. .29 - .43
in cocoa butter, dms., c.l.....lb. .40½- —
l.c.l. .....lb. .41 - .55
pure vegetable bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .26 - —
l.c.l. .....lb. .26½- .27½
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls....lb. .08 - .09
powder, bbls.....lb. .14 - .16
Russian, bls.....lb. .08¼- .09
Spanish, bls.....lb. .12 - .18
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.18.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
San Francisco, Cal..ton.18.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 -
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal...ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Lime, spray, paper bgs., Marblehead, Ohio..ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[6] 20.5% N, bgs., works..ton. No stocks
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 3.75
Linden flore with leaves, bls...lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.48.00 - —
litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
Other points.....lb. .09 - —
Lithium[5] bromide, bbls., 100 lbs. works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.96
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5 20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[4] ordinary, bgs., (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons)...lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .43 - .48
Lobeline sulphate, bots., wks..oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .50 Nom.
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 3.00 - 3.25

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .68 Nom.
West Indian, bgs.....lb. .62 - .66
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06½- —
kgs. ....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
2, c.l., bgs.....lb. .06½- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08½- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06½- —
bbls.....lb. .06½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¼- —
bbls.....lb. .09¼- —
kgs.....lb. .10¼- —

Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.

Chloride, anhyd., bbls., dlvd..lb. .13 - —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .33
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
Magnesite, dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash., ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .23 - .26
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works... ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..lb. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .16¼
precip., dms.....lb. .14½- .15¼
Soyate, 8.2% Mn, 50-gal. dms., lb. .22 - —
Sulphate, anhyd., dms., works.. lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¼
Tallate, 4% Mn, 50-gal. dms.. lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Wanna flake, cs.....lb. No stocks
Mannitol, com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —

A TOWER OF DRYING STRENGTH—WITH DRIOCEL

Driocel is the new low-cost bauxite desiccant. Used at any place in the flow line where water molecules must be wrung from gases or liquids, it turns in an efficient, long-lived performance. A hard granular product, Driocel can be regenerated time after time and still perform with high efficiency.

It is used for DRYING —

- **Most gases, vapors and liquids.**
- **Process and instrument air.**
- **Feeds to catalytic processes.**
- **Synthetic rubber charge stocks.**

We'll be glad to tell you more about applications of DRIOCEL to petro-chemical processes. We have studied a great many, and operators are daily finding more uses for this versatile drying agent. Write for a sample and the folder, "Bauxite as a Drying Agent," which details the fundamental research leading to the development of this drying material that offers new economy to users in many different fields.

POROCEL CORPORATION • BAUXITE ADSORBENTS AND CATALYSTS

260 SOUTH BROAD STREET, PHILADELPHIA 1, PA.

Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .32 - .33
California, French type, bls., f.o.b. Pacific Coast..lb. .86 - .87
Chilean, bls.....lb. .34 - .35
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Braxilian, cs., 500 lbs..lb.16.50 - —
smaller lots.....lb.16.75 -16.90
synthetic, USP, cs.....lb.13.00 - —
technical .....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .73
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs.lb. 3.90 - —
yellow, flb. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, flb. dms...lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns..lb. 1.49 - 1.54
dms. .....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
tanks .....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included
Prices W. of Miss. R., 3c. higher.

synthetic,[5,6] dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or divd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or divd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, divd. S. F. and L. A., gal. .41 - —
4, frt. alld. or divd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, dms., c.l., divd. lb. .0722- —
l.c.l., 10-dm. lots, divd...lb. .0847- —
single dms., divd.....lb. .0947- —
smaller cont., divd.....lb. .1447- —
hydrogenated, dms., c.l., divd., lb. .1122- —
l.c.l., 10-dm. lots, divd...lb. .1247- —
single dms., divd.....lb. .1347- —
smaller cont., divd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss R., 3c. per gal. higher.

Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1.. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn. R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2, Ala., Ark., Col., Fla., Ga., Kan. La., Miss., Neb., N. D., Okla., S. D., Tex. Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash.; Zone 4, Ariz., Cal. N. Mex., Mont., Nev., Idaho, Ore., Utah Wash.

Methyl alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., divd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), flb. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), flb. ctns., 2,600 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld., lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs., 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., divd..lb. .12¾- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l. dms., l.c.l., works..lb. .20 - —
Metronite pigment (see Synthetic Resins and Other Branded Paint Materials list.)
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l. .....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —
Mica, wet-grd., white, 1,000 mesh, bgs., c.l..lb. .03¾- —
l.c.l. .....lb. .04¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l. .....lb. .05¼- —
paper bgs., c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l. .....lb. .05 - —
wallpaper, bgs, c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in car-load lots in frt. alld. E.; less car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb higher W. of Rockies.

Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —

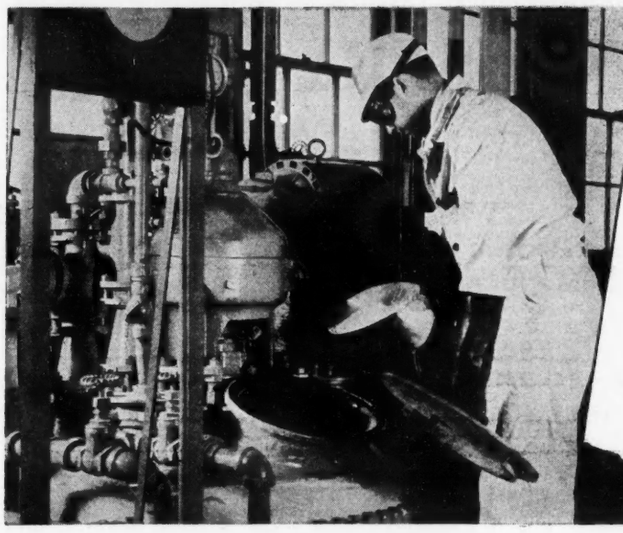
Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H. N. Y., Pa., R. I., and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan.,

Pharmaceutical Manufacturers:

Newspapers Daily Emphasize Sulfadiazine's Fast-Growing Popularity. Let CALCO Help You Supply This Mounting Demand.



Magic of Sulfa Stems Terrors Of Meningitis

Cases Up 1,100% in City in 2 Years, but Mortality May Be Less Than 5%

Through the magic of sulfa drugs deaths and permanent disability from meningococcic meningitis, popularly known as spinal meningitis, can be slashed to an incredibly low level, it was learned yesterday when cases have risen approximately 1,100% in New York City in two years.

The latest story of the curative powers of sulfa drugs, particularly sulfadiazine. . .

In CALCO'S large-capacity plants, manufacture of SULFADIAZINE is under rigid quality controls from the first step (see illustration) through every process of quantity production.

Just as the recommendation by the Surgeon General's Office of Sulfadiazine for pneumococcal, streptococcal, meningococcal meningitis and other infections fostered its widespread use among the armed forces, so now its universal endorsement by leading medical and health authorities is opening up big, new demands for this famous sulfa drug through normal pharmaceutical outlets.

Happily, CALCO'S mounting production capacity now permits the offering of Sulfadiazine to ethical pharmaceutical manufacturers generally in quantities to meet the needs of this rapidly-expanding civilian market.

Do you, too, see the opportunity for increasing sales and profits in the marketing of Sulfadiazine? If so, we suggest you talk over your requirements with CALCO right away.

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Ask About These Other Available CALCO Products:

Sulfapyridine U.S.P.
(and Sodium Monohydrate)
Nicotinamide U.S.P.
Nikethamide
Sulfanilamide U.S.P.
Cinchophen N.F.
Neocinchophen U.S.P.
Sulfathiazole U.S.P.
(and Sodium Monohydrate)
Mandelic Acid U.S.P.
Methylene Blue U.S.P.
(Powder—Crystals)
Calcium Mandelate U.S.P.
Glutamic Acid HCL
Calcium and Sodium Pantothenate
Menadione
Phenothiazine
(For Veterinary Use)
Certified Colors for Pharmaceutical and Cosmetic Use

ARMY E NAVY

Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).

Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00

Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —

technical, kgs., works.....lb. .80 - —

Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —

l.c.l., works.....lb. .64 - —

Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —

Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —

l.c.l., works.....lb. .51 - —

Monochlorobenzene, dms, c.l...lb. .05½- —

l.c.l. .....lb. .07 - .09

tanks .....lb. .05 - —

Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —

l.c.l., dms., same basis.....lb. .28½- —

tanks same basis.....lb. .23½- —

Monoethylamine basis 100%, dms., c.l., works..lb. .43 - —

l.c.l., works.....lb. .46 - —

Monoethylaniline, dms.....lb. .47 - —

Monomethyl para-aminephenol-sulphate, dms..lb. 3.75 - 4.00

Monomethylamine, dms.....lb. .66 - —

Monosodium phosphate (see Soda phosphate, monobasic).

Morphine, bots., 5 ozs.....oz.11.10 - —

cns., 25 ozs. .....oz.10.90 - —

Acetate, bots., 5 ozs.....oz. 9.60 - —

cns., 25 ozs.....oz. 8.80 - —

Hydrobromide, 5 ozs.....oz. 8.95 - —

cns., 25 ozs.....oz. 8.75 - —

Hydrochloride, 5 oz. bots....oz. 9.00 - —

cns., 25 ozs.....oz. 8.80 - —

Sulphate, bots., 5 ozs.....oz. 9.00 - —

cns., 25 ozs.....oz. 8.80 - —

Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —

smaller containers, works....lb. .75 - —

Mullein leaves, cns.....lb. .12 - .13

Musk, nat., Tonquin, grains, bots., oz.40.00 -45.00

synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00

25 lbs. to 75 lbs.....lb. 4.10 - 9.10

5 lbs.....lb. 4.25 - 9.45

ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25

25 lbs. to 75 lbs.....lb. 4.25 - 9.35

5 lbs.....lb. 4.40 - 9.70

xylol, cns., 100 lbs. or more, lb. 1.40 - 2.50

25 lbs. to 75 lbs.....lb. 1.50 - 2.60

5 lbs.....lb. 1.65 - 2.50

Musk root, bls.....lb. 2.25 - 2.80

Mustard seed, Calif., brown, bgs., lb. .17 - .17½

Montana, yellow, bgs.....lb. .11½- .12

Washington, yellow, bgs.....lb. .11½- .12

Myrobalans,[6] J1, whole bgs., frt. guar., insurance, $1. Any difference for buyers' account, ton.70.00 - —

crushed, same basis.....ton.75.00 - —

J2, whole, bgs., same basis... ton.58.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).

Solvent (see S).

Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —

bbls., c.l., same basis...lb. .031 - —

tanks, same basis.....lb. .0275- —

78°, bgs., c.l., same basis, lb. .0325- —

bbls., c.l., same basis...lb. .0335- —

tanks, same basis.....lb .03 - —

refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .03 - —

50-lb. cs., same basis....lb. .03¼- —

1-lb. pkgs., same basis...lb. .03¾- —

Neocinchophen, USP, dms.....lb. 7.00 - 7.10

Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —

pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —

Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.

Nerolin, cryst., cns.....lb. 1.70 - 2.00

Niacin (see Acid, nicotinic).

Nickel,[2,6] carbonate, bbls.....lb. .36 - .36½

Chloride,[6] obls.....lb. .18 - .20

Cyanide,[6] bots., dms.....lb. No stocks

Oxide,[2,6] black, bbls.....lb. .35 - .38

Salt,[2,6] bbls.....lb. .13 - .13½

Nicotine,[3] sulphate, 40%, dms., 60 lbs..lb. .7980- —

tins, 10 lbs.....lb. .90 - —

Nicotinamide,[6] dms.....kilo.13.25 -13.55

Nikethamide, bots., cbys.....lb.18.00 -19.00

Nitercake, bulk, works.....ton.16.00 - —

Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —

l.c.l. .....lb .09 - —

tanks .....lb. .07 - —

Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works, lb. .26 - —

5-7, 40-60 cps., same basis, lb. .27 - —

ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —

5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —

Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., l.c.l., wks..lb. .25 - —

Nitrogen,[6] solut., tanks, ton N.108.21 - — Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.

Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50

sewage sludge,[1] bulk, works. unit-ton.2.60 + .40- 3.00 + 40

Nitromethane, dms., l.c.l., works, lb. .25 - —

Nitronaphthalene, bbls.....lb. .24 - .28

Nitropropane 1, dms., works..lb. .25 - —

II, dms., same basis.....lb. .25 - —

Nutgalls,[6] Aleppo, bgs.....lb. .44 - .45

Chinese .....lb. .39 - .40

Nutmegs,[1] E. I., 85's bgs.....lb. .55 - .56

110's, bgs.....lb. .51 - .52

grinding, bgs. .....lb. .45 - .46

West Indian, No. 1, bgs.....lb. .34½- .34¼

Nux vomica, bls.....lb. .09 - .11

powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks

Ocher (see Yellow).

Octane,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —

l.c.l., G.S.....gal. .29 - —

10 gals., G.S.....gal. .55 - —

tanks, G.S.....gal. .13 - —

Octanol, normal,[6] tech., 300-lb. dms., dlvd..lb. .85 - —

Oil, almond, bitter, artl. (see Benzaldehyde).

bitter, F.F.A.....lb. 5.25 - 5.50

natural, USP, bots.....lb. Nominal

sweet, exp., dms., cns....lb. 1.50 - 1.60

Angelica root, bots.....lb.140.00-150.00

Seed, bots.....lb. No stocks

Anilin (see A).

Anise, USP, cns., dms.....lb. No stocks

Apricot kernel, cns.....lb. .45 - .55

Avocado, cns., dms.....lb. 1.05 - 1.25

Babassu,[1,6] tanks.....lb. .1110- —

Bay, W. I., 50-55%, cns...lb. 1.45 - 1.65

Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75

Bergamot, artif., cns.....lb. 2.25 - 9.85

natural, Italian, coppers...lb.25.00 Nom.

Brazilian, cns.....lb.10.00 -10.25

Birch (see Oil, sweet birch).

Birchtar, crude.....lb. 2.00 Nom.

rectified, cns.....lb. 3.00 Nom.

Bois de Rose, Brazil, cns....lb. 4.75 Nom.

Mexican (see Ignatius wood).

Bone, dms., works.....gal. .65 - .70

Cade, USP IX (see Oil, juniper tar).

Cajeput, tech., dms.....lb. 1.65 - 2.25

redistilled, USP X, cns....lb. 2.00 - 2.50

Calamus, cns. .....lb.22.50 -25.00

Camphor, sassafrassy, cns..lb. No stocks

white, cns.....lb. No stocks

Cananga, native, cns.....lb.11.25 -12.50

rectified, cns.....lb.12.75 -15.00

Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65

Caraway, USP, cns.....lb.22.00 -24.00

Cardamom, bots.....lb.19.00 -21.00

Cassia, USP, cns.....lb.12.00 Nom.

Castor,[1] blown, dms., returnable, c.l...lb. .15½- —

l.c.l. .....lb. .16 - —

cold pressed, USP, bbls.,c.l.lb. .14 - —

cns. .....lb. .15¾- .17¾

dms., returnable, c.l....lb. .13¾- —

l.c.l. .....lb. .14½- —

tanks .....lb. .13 - —

dehyd., bodied, dms., c.l...lb. .1790- —

l.c.l. .....lb. .1830- —

tanks .....lb. .1750- —

unbodied, dms., c.l.....lb. .1690- —

l.c.l. .....lb. .1730- —

tanks .....lb. .1630- —

No. 3, tech., bbls., c.l.....lb. .13¾- —

l.c.l. .....lb. .14½- —

dms., returnable, c.l....lb. .13½- —

l.c.l. .....lb. .14½- —

tanks .....lb. .12¾- —

sulphonated, 60% (48% fat), dms., c.l..lb. .10 - —

l.c.l. .....lb. .11 - —

75% (63% fat), dms., c.l..lb. .12½- —

l.c.l. .....lb. .13½- —

80% (68% fat), dms., c.l..lb. .13½- —

l.c.l. .....lb. .14½- —

Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85

Cedarwood, dms.....lb. 1.00 - 1.25

Celery, bots.....lb.19.50 -22.00

Chaulmoogra, USP, cns.....lb. .70 - .76

Chinawood, (see Oil, tung).

Cinnamon bark oil, bots.....lb.36.00 -40.00

leaf oil, dms.....lb. 1.50 - 1.85

Citronella, Ceylon, cns.....lb. .90 - .93

Java, cns.....lb. No stocks

Clove, USP, cns.....lb. 1.75 - 1.80

Coconut,[1,3] Manila, crude, bulk, c.i.f., N. Y..lb. .0835- —

ret. dms.....lb. .0885- .0985

edible, ex tax dms.....lb. .0885- —

Cod, Newfoundland, dms..gal. .88 - —

tankcar .....gal. .83 - .85

Codliver,[6] med., USP, bbls., dms..gal. 2.35 - 2.50

Coriander, bots.....lb.23.50 -35.00

Corn,[1,6] crude, tanks, works.lb. .12¾- —

edible, dms., l.c.l.....lb. .16¼- .16½

tanks .....lb. .1502- —

foots, acid 95%, tanks, dlvd. E..lb. .07¼- —

raw, 50%, tanks, dlvd. E..lb. .03½- —

Cottonseed,[1,6] cooking, l.c.l., ret. dms..lb. .16¼- —

foots, acid, 95%, tankcar, dlvd. E..lb. .07⅝- —

raw, 50%, tankcar, dlvd. E., lb. .03⅝- —

salad, l.c.l., ret. dms.....lb. .16½- —

Creosote (see C).

Croton, NF, cns.....lb. 3.00 - 4.00

Cubeb, USP, cns.....lb. No prices.

Crude (see Petroleum, crude).

Cumin, bots.....lb. 8.00 -10.00

Cypress, bots.....lb.12.00 - —

Dearas (see D).

Dillseed, bots.....lb.10.00 Nom.

weed, bots.....lb. 5.00 - 5.50

Dip (see D).

Erigeron, cns.....lb. 2.25 - 2.40

Eucalyptus, cns.....lb. 1.20 Nom.

Fennel, sweet, cns.....lb. 4.50 Nom.

Fir, Canada, cns.....lb. 2.00 - 2.75

Fishliver,[1,3] dms., less than 40,000 A units per gram..... per million units. .14 - —

for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - —

200,000 or more A units ..... per million units. .30 - —

Fuel (see Petroleum, fuel oil),

Gaultheria (see Oil, wintergreen leaf).

Geranium, Algerian, cns....lb.13.00 -15.75

Bourbon, cns.....lb.13.50 -14.00

Russian, cns.....lb.15.50 - —

Turkish (see Oil, palmarosa).

Grapefruit, cns.....lb. 2.00 - 2.10

Ginger, dist., bots.....lb.20.00 -22.50

Hemlock, cns.....lb. 2.65 - 3.34

Juniper berry, cns.....lb.15.00 -16.00

wood, tech., cns.....lb. 1.00 - 1.25

Juniper tar, USP, dms.....lb. 1.00 - 1.30

Lard,[3] common, 1 bbl.....lb. .14 - —

extra, No. 1, bbls.....lb. .14½- —

Winter, strained, bbls...lb. .15 - —

prime, burning, bbls.....lb. .16 - —

fined, bbls. .....lb. .15½- —

Laurel, bots.....lb. No prices

Lavandin, cns., 25 lbs.....lb. 3.00 - —

Lavender flower, French, cns., lb. 8.50 -16.00

Russian, cns. .....lb.11.00 -11.50

garden, cns. .....lb. .55 - .75

spike, Spanish, pure, cns..lb. 3.50 - 4.00

tech., cns. .....lb. 2.75 - 3.00

Lemon, Calif., cns.....lb. 3.25 - —

Messina, cns.....lb. 3.25 - —

Terpeneless .....lb.25.00 -50.00

Lemongrass, cns., dms.....lb. 1.50 - 1.60

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Hydratropic Aldehyde
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Aromatics Division
GENERAL DRUG COMPANY

644 Pacific St., Brooklyn 17, N. Y.

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Oil, lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns. .....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .1610
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
grinding, dlvd. Zone 1, tankcar..lb. .1450- .1550
varnish, dlvd. Zone 1, tankcar, lb. .1490- .1550
polymerized, dlvd. Zone 1, tankcar..lb. .1850- .2050
Boiled linseed oil, .004 over raw, tankcar, Zone 3.....lb. .127 - —
Linseed replacem't, dms. ret.lb. .131 - .137
Lubricating,[1] at refinery, extax, California, neutrals, pale, 200-800 vis., 24-4 pour, tanks..gal. .07½- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 8 col., 15-25 pour, tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pocr, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers .....lb.11.50 -15.00
Menhaden,[1,5] crude, tanks, Balto..lb. .089 - —
light-pressed, ret. dms....lb. .1260- —
tanks .....lb. .1180- —
ref'd, alkali, ret. dms....lb. .1360- —
kettle-boiled, ret. dms....lb. .1460- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¾ Nom.
Neroli, bots.....lb.220.00 -275.00
Haitian, dms .....lb.240.00 -
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oiticica,[1] liquid, dms.....lb. .20¾- .20½
tanks .....lb. No stocks
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ½%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,5] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 4.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-89 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08¼- —
350° flash, 100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb.20.00 Nom.
Peanut,[1,5] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar.....lb. .1501- —
hydrog., tanks .....lb. .1578- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns.....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75
Pine,[1,5] ret., dms., c.l., dlvd. E. gal. .63 - .63¼
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[5] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —

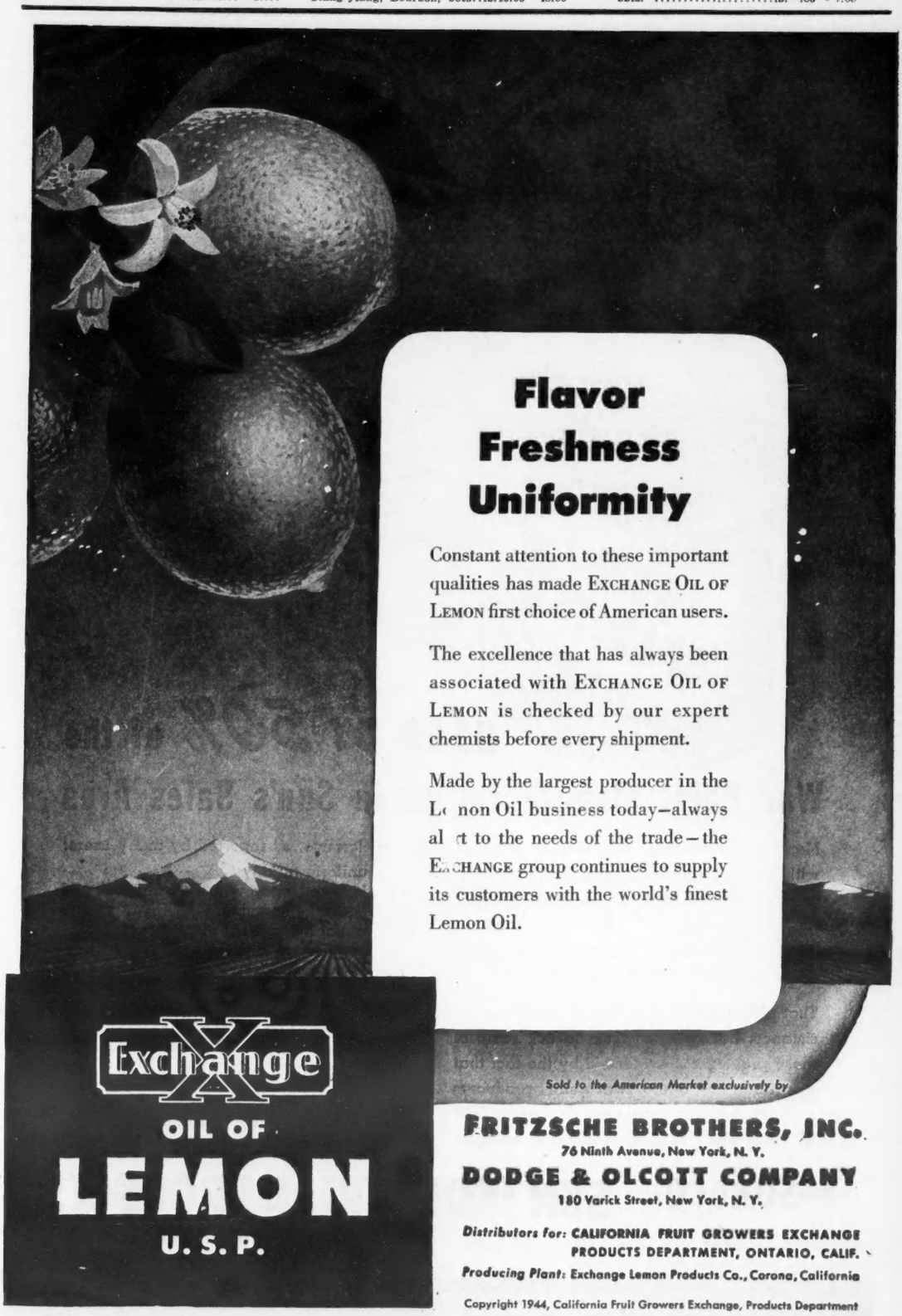
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] denat., bulk, c.i.f. N. Y..lb. .1150- —
Red,[5] dist. dms., dlvd.....lb. .12¾- .13¾
tanks, dlvd. .....lb. .12 - —
double dist., ret. dms.....lb. .15¼- .16¼
Saponified, same prices.
Rose, natural, coppers.....oz.30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal .72 - —
Rue, bots.....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.60 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., cass lots..lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms.....lb. .128 - .13
tanks .....lb. .1225- —
ref'd alkali, ret. dms.....lb. .138 - .14
kettle-boiled, ret. dms.....lb. .1480- .1500
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks

Oil, soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
deod., Winter, tankcar.....lb. .1393-
ret. dms.....lb. .1500- .1550
clarif., dms.....lb. .1296- .1356
tanks .....lb. .1256- —
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dvld. E..lb. .05½- —
refd., varnish, dms.....lb. .1386- .1406
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.85
Sunflower semi-ref.,[6] tanks..lb. .1430- —
refined, tanks.....lb. .1468- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton.53.65 -55.00
l.c.l., works.....ton.58.65 -63.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[6] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works....gal. .29¾- —
tanks, dlvd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1,6] dms.....lb. .39 - —
tanks .....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T)
Vetiver, Bourbon, bots.....lb.40.00 -45.00

Oil, whale,[5] ref., natural, dms., lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal.10.00 -13.50
White mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45
80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l. .....gal. .45 - .48
95/105 vis., dms., c.l...gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis., dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 bis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l. .....gal. .60½- .63½
200/210 vis., c.l.....gal. .58 - —
l.c.l. .....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
San Francisco, 65, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54½
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. .....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. No prices.
Wormwood, cns.....lb. 5.00 Nom.
Ylang-ylang, Bourbon, bots..lb.40.00 -45.00

Oleostearin,[1] bbls.....lb. .1054- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
Olivine, lumps, same basis...ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb.13.00 - —
25-lb. lots .....lb.13.25 - —
smaller lots .....lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1] bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash., lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points .....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12½- —
Molybdate,[1,5] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] kgs., works..lb. .80 - —
bbls. .....lb. .80 - 1.05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PRODUCTS DEPARTMENT, ONTARIO, CALIF.
Producing Plant: Exchange Lemon Products Co., Corona, California
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Orange peel, bitter, Haitian, bgs., lb. .11 - .11½
sweet, bls. lb. No stocks
Oregano, Mexican, curly leaf, bgs. lb. .09½- .10
flat leaf, bgs. lb. .09 - .09½
Orris root, African, bls. lb. .80 - .85
powd., bbls., bxs. lb. .85 - .90
Portuguese, bls. lb. .42 - .44
Verona, bls. lb. 1.25 - 1.30
Orthoamylphenol, dms., works. lb. .25 - —
Orthoanisidin, bbls. lb. .70 - —
Orthochloroaniline, dms. lb. .60 - .70
Orthochlorophenol, dms. lb. .32 - —
Orthocresol,[3,6] 30.4°C. Min. M.P., dms., c.l., works. lb. .17½- .18
l.c.l., same basis. lb. .18 - .18½
29.0°C. Min. M.P., dms., c.l., works. lb. .16½- .17
l.c.l., same basis. lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis. lb. .08 - —
tanks, same basis. lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniline, dms. lb. .45 - —
Orthonitrochlorobenzene, dms. lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. lb. .09 - —
Orthophenetidin, dms. lb. .82 - —
Orthotoluidin, dms. lb. .19 - —
Osage orange, crystals, bbls. lb. .23 - —
extract, No. 1, bbls. lb. .11 - —
No. 2, bbls. lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works. lb. 3.50 - —
smaller lots lb. 3.75 - 4.15

P

Papain, powd., cs. lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots. oz. 7.00 - —
smaller lots. oz. 7.05 - 7.25
sulphate, cns. oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs. lb. .26 - .27
Portuguese, choice, bgs. lb. .38½- .39
extra fancy, bgs. lb. .37½- .38¼
good, bgs. lb. .34 - .35
Spanish, fancy, bgs. lb. .43 - .44
good, bgs. lb. .36 - .37
fair, bgs. lb. .32 - .33
Para-anisidin, dms., works. lb. .75 - —
Parachlorophenol, dms., wks. lb. .32 - —
Paracresol,[6] bbls., wks. lb. .41 - —
Paracymene, dms., c.l., works. lb. .1595- —
l.c.l., same basis. lb. .1645- —
tanks, same basis. lb. .1545- —
Paradichlorobenzene, dms., c.l., works. lb. .11 - .13
l.c.l., same basis. lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery. lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery. lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-133 ASTM, same basis, lb. .0615- —
Paraffin, fully ref'd, slabs, loose, 132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715- —
140-142 ASTM, same basis, lb. .0810- —
145-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,3] dms., 1,000 lbs. or more, works. lb. .21 - —
smaller lots, works. lb. .22 - —
Paraldenyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works. lb. .12 - —
and 10-gal. dms., works. lb. .15 - —
USP, cns., cbys. lb. .35 - .45
Paranitroaniiin, kgs., works. lb. .43 - .45
Paranitrochlorobenzene, k g s., works. lb. .15 - —
Paranitrophenol, kgs. lb. .35 - —
Paranitrotoluene, kgs., works. lb. .30 - —
Paraphenylenediamine, t e c h kgs. lb. 2.00 - —
Paratoluenesulphonamide, bbls. lb. .70 - —
Paratoluidin, bbls., works. lb. .48 - —
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld. lb. .20 - .25
l.c.l., same basis. lb. .21 - .26
Passion flower herb, bls. lb. No prices
Patchouli leaves, bls. lb. .34 - .35
Pectin, bbls. lb. .95 - —
Penicillin,[6] hospitals, institutions, ampules per 100,000 units. 3.20 - 4.50
for gov. purchases, ampules, per 100,000 units. 1.90 - —
Pennyroyal leaves, bls. lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
less than barrel lots. lb. 1.00 - —
tech., bbls., c.l. lb. .29 - —
l.c.l. lb. .33 - —
Tetra-acetate, bbls., dlvd. lb. 1.00 - —
less than barrel lots. lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3. gal. .19 - —
tanks, Group 3. gal. .07½- —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l. gal. .29 - —
10 gal. gal. .55 - —
Pepper, black,[1] 15 tons, bgs. lb. .0665 Bid
50 to 100 bgs. lb. .0705 Bid
24 bgs. lb. .0723- .0740
red, chillies, Carolina, longs, bgs. lb. .28 - .28½
sports, bgs. lb. .48 - .50
Congo, bgs. lb. .25 - .26
Louisiana, sports, bgs. lb. .48 - .50
Mombassa, bgs. lb. .20½- .21
Niger, fair, bgs. lb. .18½- .19
birdseye, bgs. lb. .45 - .46
Sierra Leone, bgs. lb. .22½- .23
Uganda, washed, bgs. lb. .21 - .21½
white,[1] 15 tons, bgs. lb. .1161 Nom.
24 bgs. lb. .1295 Nom.
Peppermint, USP, bls. lb. .60 - .70
import, bls. lb. .90 Nom.
Perchloroethylene,[6] d m s., c.l., works, frt. alld., Zone 1. lb. .0782- .0800
l.c.l., same basis. lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld. lb. .0832- .0850
l.c.l., same basis. lb. .0882- .0900
Zone 3, dms., c.l., works, frt. equald. lb. .0882- .0900
l.c.l., same basis. lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point. lb. .0882- .0900
l.c.l., same basis. lb. .0932- .0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms. lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l. lb. .021 - —
golden Topaz, bbls., c.l. lb. .032 - —
l.c.l. lb. .036 - —
red, veterinarian, bbls., c.l. lb. .024 - —
l.c.l. lb. .028 - —
USP, amber, fiber dms., c.l. lb. .06½- —
l.c.l. lb. .04½- —
extra amber, fib. dms., c.l. lb. .03½- —
l.c.l. lb. .04½- —
cream, c.l., fib. dms. lb. .05 - —
l.c.l. lb. .06½- —
yellow, soft, fib. dms., c.l. lb. .03½- —
l.c.l. lb. .04½- —
white, lily, fib. dms., c.l. lb. .05½- —
l.c.l. lb. .07½- —
snow, c.l., fib. dms. lb. .06½- —
l.c.l. lb. .08 - —
soft, c.l., fib. dms. lb. .05½- —
l.c.l. lb. .06½- —
Petroleum, crude, bulk, at wells, California, heavy grades. bbl. .93 - 1.01
Illinois bbl. 1.37 - —
Kentucky, Union County. bbl. 1.32 - 1.37
Louisiana-Arkansas bbl. .86 - 1.20
Oklahoma-Kansas bbl. .85 - 1.25
Pennsylvania bbl. 1.31 - 3.00
Texas, Gulf Coast. bbl. 1.06 - 1.86
North, North-Central. bbl. 1.01 - 1.26
West bbl. .70 - 1.12
Panhandle bbl. 1.10 - 1.22
Savannah, Ga. bbl. 1.60 - 1.77
Wyoming bbl. 1.12 - —
Ether, laboratory grade, 30-60° C., dms., c.l., Group 3. gal. .18 - —
l.c.l. gal. .29 - —
10 gals. gal. .55 - —
35-60° C., dms., c.l. gal. .29 - —
10 gals. gal. .55 - —
40-75° C., dms., c.l. gal. .16 - —
l.c.l. gal. .29 - —
10 gals. gal. .55 - —
Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1. gal. .04 - —
Nos. 2 and 3. gal. .03½- —
California, heavy. bbl. 1.10 - —
light bbl. 1.20 - —
diesel gal. .04 - —
stove dist. gal. .05 - —
Group 3, No. 3. gal. .05½- —
Group 3, No. 5. bbl. .85 - —
No. 6. bbl. .80 - .85
Kansas, No. 6. bbl. .85 - .90
Oklahoma, No. 2. gal. .03½- —
No. 6. bbl. .90 - —
14-16 bbl. .97 - —
Pennsylvania, No. 1. gal. .07 - .07½
No. 2. gal. .07 - .0805
No. 3. gal. .06½- .07½
36-40 gravity. gal. .07 - .07½
bunker C, Baltimore, Md. bbl. 1.65 - 1.77
Boston, Mass. bbl. 1.65 - 1.77
Charleston, Mass. bbl. 1.60 - —
Jacksonville, Fla. bbl. 1.60 - —
New York, N. Y. bbl. 1.65 - 2.07
Norfolk, Va. bbl. 1.65 - 1.77
Philadelphia, Pa. bbl. 1.65 - —
Portland, Me. bbl. 1.80 - —
Providence, R. I. bbl. 1.65 - —
Savannah, Ga. bbl. 1.65 - 1.77
Wilmington, N. C. bbl. 1.65 - —
Lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal. .11 - —
Fort Wells, Wash. gal. .12 - —
San Francisco. gal. .11½- —
Willbridge, Ore. gal. .12 - —
East Coast, N. J., N. Y., tanks. gal. .11½- —
gal. .07½- —
Group 3, benzol type, tanks, toluol type, tanks. gal. .07½- .07½
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks, gal. .10½- —
198-200 b.r., tanks. gal. .10½- —
246-397 b.r., tanks. gal. .10½- —
312-408 b.r., tanks. gal. .09 - —
362-458 b.r., tanks. gal. .09 - —
East Coast, N. J., N. Y. gal. .10 - —
Group 3, tanks. gal. .06½- —
tankwagon, Baltimore. gal. .12 - .18
Boston gal. .12 - —
Bridgeport, Conn. gal. .1630- —
Buffalo gal. .1440- —
Camden, N. J. gal. .11 - —
Chicago gal. .13½- —
Detroit gal. .1580- —
Hartford gal. .1630- —
Kansas City, Mo. gal. .1480- —
Lancaster, Pa. gal. .12 - —
Milwaukee gal. .1440- —
Minneapolis gal. .1420- —
Newark (200 gal.) gal. .11 - —
New York (200 gal.) gal. .11 - —
Philadelphia gal. .11 - —
Pittsburgh gal. .129 - —
Providence gal. .13 - —
Rochester gal. .1320- —
St. Louis gal. .1370- —
Syracuse gal. .14 - —
Washington, D. C. gal. .13 - —
Wilmington, Del. gal. .13 - —
Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks. gal. .12 - —
East Coast, N. J., N. Y., tanks. gal. .11 - —
Group 3, tanks. gal. .07½- —

USED BY 50% of the War Paint Manufacturers in Sun's Sales Area

Many paint manufacturers have been faced with some pretty tough problems in meeting government requirements for "war paints." Rigid specifications . . . "must" deliveries . . . substitute materials . . . new formulas . . . to name but a few of the headaches.

That SUN SPIRITS, plus Sun Engineering assistance, have helped them to lick some of these problems is evidenced by the fact that more than half of the "war paint" producers in Sun's marketing area are now using SUN SPIRITS! Here are some of the reasons for this preference, as reported by many users:

. . . uniform quality
. . . high solvency with both natural and synthetic resins
. . . uniform dispersal of pigments
. . . excellent wetting out properties
. . . dependable service and delivery

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Petroleum, naphtha, cleaners, tankwagons, Newark....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 70% arom., tanks, Bayway, N. J..gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21¾- —
No. 3, same basis.....gal. .22½- —
No. 8, tanks, same basis, gal. .228 - —
No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13¼- —
V.M.&P., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
W i l l bridge, Ore., Pt. 54-77, 310 i.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1620- —
Newark (200 gal)... gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .25½- —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07¼- .07½
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06¾- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13¼- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Xylol solvent. See Xylol petroleum solvent.
Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms.. 100 lbs.....lb. 3.50 - —
Phenol,[3,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10½- .10¾
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots..lb. .87 - .92
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut.. bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.00
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,3] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l.....long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l. M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
30%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & a., M.P.R. 240 provisions, same basis.. long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.85 - —
31%, P_2O_5, same basis. .. short ton. 4.95 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - 44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs. .....lb. .23 - .25
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —

Pichi leaves, bgs.....lb. .08 - .09¼
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 3.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.90 - 5.25
Nitrate, bots., vls.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .21 - .21½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .06½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns.....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ¼c. less.

Potash bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32
Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .06½- —
dms., l.c.l., same basis..lb. .06¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08½- .08¾
tanks .....lb. .02¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .33¾
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —

Potash iodide, bots., cns.....lb. 1.44 - 1.46
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[4] 22% K_2O, f.o.b. Carlsbad, N. M.... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[4] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[5] offered from consignments afloat, subject to safe arrivals..unit-ton. .53¾- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20¼- .21
Prussiate, red, bbls., dms..lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton.290.00 - —
l.c.l .....100 lbs.15.25 - —
solution 20° Be, ret. drums, c.l., works..100 lbs. 4.25 - —

THE B-29

AS THE GREAT new battleship of the air, the B-29 Superfortress, ushers in a new phase of Allied air attack, millions of Americans thrill to the achievements it represents.

For this huge new plane flies faster, farther and higher and carries greater bomb loads and fire power than any other bomber in the world. It epitomizes the latest and most advanced knowledge not only in plane design and manufacture, but in aviation engineering, aeronautics, aerodynamics, instrument control and many other fields. The B-29 is the composite result of years of painstaking progress. As such, it is a typical product of that all important "Margin of Experience" on which new advances are being made in all fields of endeavor.

In every field of science, commerce and industry, the "Margin of Experience" proves again and again to be a vital factor to success.

Niagara offers it in the field of electro-chemical products. For Niagara has pioneered constantly in the development, improvement and adaptation to new uses of Liquid Chlorine, Caustic Potash, Caustic Soda, Paradichlorobenzene and Carbonate of Potash. Rely on Niagara's "Margin of Experience" for greater success in the use of these products.

AN ESSENTIAL PART OF AMERICA'S GREAT CHEMICAL ENTERPRISE

Niagara ALKALI COMPANY

60 East 42nd Street, New York 17, N. Y.

CAUSTIC POTASH • CAUSTIC SODA • PARADICHLOROBENZENE

CARBONATE OF POTASH • LIQUID CHLORINE

ADVENTURES IN THE "MARGIN OF EXPERIENCE"

Potash silicate, solut. 20° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.00 - —
100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works, 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., bbls...lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,* basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports..ton.86.25 - —
Potash sulphocyanide, NF, dms., lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% guld, bots., works..oz.14.20 -14.96
Potash-magnesia sulphate, bulk,* min., 40%, K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Berries, bgs.....lb. .23 - .25
Prickly ash bark, bls.....lb. .40 Nom.
Prince's pine herb, bls.....lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 8.75
Propane,* industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .73 - .75
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice packed in barrels is ½c. per lb higher than the above prices.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,*† concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,* denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 5, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., works, lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .10 - .18
Quebracho extract,* solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05⅛
clarified, 64%, bgs., c.l., same basis..lb. .05⅝- .05⅞
dissolved, 35% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
..c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .28 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,† flasks (76 lbs. net)..flask.105.00 -110.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,* NF V, cryst., cns.oz. 1.08 + .13⅛*
powd., precip., cns.....oz. 1.01 + .13⅛
Sulphate, USP, cns.....oz. .71 + .13⅛

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,* NF, cns., 100 ozs...oz. .84 + .13⅛*
Acetate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenite, cns., 100 ozs..... 1.07 + .13⅛
Bisulphite, USP, cns., 100 ozs..oz. .69 + .13⅛
Citrate, cns., 100 ozs.....oz. .78 + .13⅛
Dihydrobromide, bots., 50 ozs. oz. .86 + .13⅛
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13⅛
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13⅛
Formate, cns., 100 ozs.....oz. 1.00 + .13⅛
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13⅛
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13⅛
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13⅛
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs., oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13⅛
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13⅛
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs...oz. .99 + .13⅛

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,* USP, cns..oz. .81 + .13⅛*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,‡ bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works...lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,‡ tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para‡ toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07⅛
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,‡ NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bxs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams..kilo.230.00 - —

RED OIL

O-18 and O-19 EXTRA ELAINES

Two all-purpose distilled red oils (oleic acids). The titre of O-18 ranges from 8-12° C. while that of O-19 is below 5° C.

O-20 and O-21 OLIVE ELAINES

Chemically the same as O-18 and O-19, but more highly refined to produce very light-colored liquid fatty acids.

O-131 SPECIAL OLIVE ELAINE

This is an extremely pure, light-colored oleic acid, to be used where exacting specifications demand a superior raw material.

O-303 SPECIAL EXTRA THIN ELAINE

A new grade still further processed to bring the titre below 3° C. Recommended for uses where this very low titre is required.

O-22 SAPONIFIED RED OIL

A saponified oleic acid of exceptional purity. Titre range from 16-18° C.

O-23 SAPONIFIED RED OIL

Similar to O-22 but with a titre ranging from 25-26° C.

LABORATORY-CONTROLLED THROUGHOUT PRODUCTION — EMERY INDUSTRIES INC.

If you'll write us and tell us your requirements, we'll be glad to recommend the specific red oil that will help you in current or future production.

EMERY INDUSTRIES · INC.

STEARIC ACID · OLEIC ACID · ANIMAL AND VEGETABLE FATTY ACIDS

4300 CAREW TOWER · CINCINNATI 2, OHIO

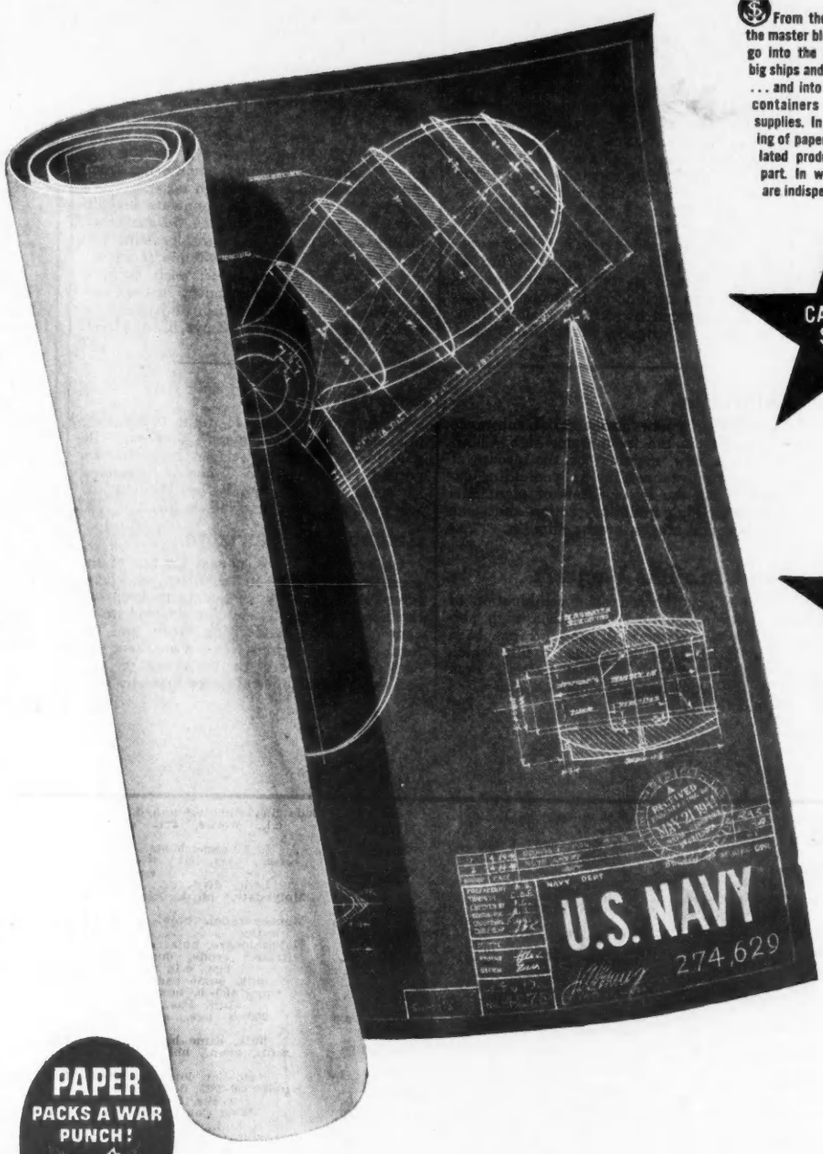
New York Office: 3002 Woolworth Building, New York City · New England Office: 187 Perry Street, Lowell, Mass.

Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42⅝- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .09 - .09½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum:—
B, dms., c.l.....100 lbs. 5.26 - —
D, dms., c.l.....100 lbs. 5.43 - —
E, dms., c.l.....100 lbs. 5.90 - —
F, dms., c.l.....100 lbs. 5.96 - —
G, dms., c.l.....100 lbs. 5.96 - —
H, dms., c.l.....100 lbs. 5.96 - —
I, dms., c.l.....100 lbs. 5.96 - —
K, dms., c.l.....100 lbs. 5.98 - —
M, dms., c.l.....100 lbs. 5.99 - —
N, dms., c.l.....100 lbs. 6.34 - —
W.G., dms., c.l.....100 lbs. 6.63 - —
W.W., dms., c.l.....100 lbs. 6.68 - —
X, dms., c.l.....100 lbs. 6.68 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,6] CP, bbls., works, lb.10.90 -
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .30 - .32
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis.lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb.44.00 Nom.
Safrol cns.....lb. 1.35 - 1.50
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, July-Aug., bgs., Pacific Coast..lb. .55 - .56
Cyprus, good, bls.....lb. .20 - .20½
fair, bls.....lb. .16½- .17
Spanish, bls.....lb. .20 - .20½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .19½- .20
Sassafras bark, ord., bls.....lb. .38 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .30 - .31
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns..lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33⅜- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.00 - 1.05
Senna, Alex., half leaf, bls...lb. .22 - .25
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, ols.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls.. 1,500 lbs...lb. .42½- —
Boston, ...lb. .43¼- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs.....lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh bgs., c.l., Ill., works. ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.00 - —
l.c.l., same basis.....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. 16½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44⅝- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32⅜- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -15.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .06 - .06
Blue, ctns.....lb. .07 - .06¼
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.90
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works..... 100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Soda ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.13 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Mo., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 98°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 98°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 -
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.51 - —
kgs., c.l., works....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07¼- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.66
solution, 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.80 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —

Paper Needs Alkalies



From the first rough draft to the master blueprint—tons of paper go into the making of the Navy's big ships and other machines of war ... and into the all-useful shipping containers which carry vital supplies. In the chemical processing of paper Solvay Alkalies and related products play an important part. In war as in peace alkalies are indispensable!

CAUSTIC SODA

CHLORINE

SODA ASH

PAPER PACKS A WAR PUNCH!

SOLVAY SALES CORPORATION *Alkalies and Chemical Products Manufactured by The Solvay Process Company*

INSIDE NEWS

SEPTEMBER PREPARED BY NATIONAL CAN CORPORATION, NEW YORK, N. Y. 1944

Germany Tightens Europe's Belt While British Expand Empire Food Resources

Average food rations in Germany are still sufficient to meet average requirements. However, the German diet contains less meat, meat products and fat than before. The theoretical calorie intake is still up to pre-war standards; milk consumption for children has been fairly well maintained; and it does not appear that the German diet is poorer in essential minerals and vitamins.

On the other hand, in the Baltic States, Slovakia, France and Italy, rations are too low for health and working efficiency, representing between 2500 and 1500 calories per adult male. Much of the vegetable and fruit crop is exported to Germany; the diet is monotonous; fats, proteins and probably vitamins are absolutely scarce.

While rations in Czechoslovakia, Belgium, Finland, the Netherlands and Norway represent between 2500 and 2800 calories per adult male, semi-starvation conditions prevail in Poland, Greece and parts of Yugoslavia.

Great Britain, like the European neutrals with the exception of Spain, is in a more favorable position than Germany. In the United Kingdom there has never been rationing of total calories; meat, bacon, cheese, fats, sugar and jam are rationed per head, but rations are considered adequate to meet average physiological demands. Milk consumption is higher than before the war; some vegetables and fruits are practically non-available; but all consumers may obtain as much bread and potatoes as they want.

According to a League of Nations report on food supply and rationing during '43 and '44, increases in the incidence of tuberculosis and diphtheria in occupied Europe can be traced directly to malnutrition. In Norway, for instance, where 15,000 cases of diphtheria are reported for '43, losses in body weight up to 40 pounds are not uncommon.

The British Empire has met the need for increased food production by taking a number of steps, some of which have post-war implications.

In the Union of South Africa, 50 companies are now turning out canned products. At the Low Temperature Research Laboratory at Cape Town, a new canning section is studying food processing. It has devised new methods to stabilize the Vitamin C content of concentrated orange juice, to manufacture non-melting vegetable cubes for use in hot climates, and is working out new methods for pulping fruit for pectin and for processing fruit juices.

South African canners anticipate new markets in the Belgian Congo. A new factory is planned to process the shark products of the Natal coast to produce Vitamin A foods for Britain.

In Australia, two of the new canning plants built in '43 are devoted entirely to processing food for American forces in Australia and the South Seas. The Australian government has agreed to meet any loss on unsold stocks of canned fruits caused by lack of shipping space.

In New Zealand, agar-agar is being made from native seaweeds, following the example of the Russians who are producing this food, formerly a Japanese monopoly, from red seaweeds on the Siberian coast.

Other British food developments include a detailed study of cucumber and cucumber pickles in terms of moisture, protein, calcium, phosphorous and vitamin content; exploration of native foods, such as hare and venison, by a new cannery in the Scottish Highlands; and the use of bananas to make flour for bread in Kenya, East Africa. 732

Deodorized Fish Oil

The taste and odor of vitamin-rich fish oils can be improved by treatment with "the fruit of the tomato plant". The dried pulp is used. Vitamin potency is not affected by the treatment and the beneficial effect is permanent, probably due to natural anti-oxidants in the tomato. 737

Grapes in "Wood-Wool"

Sulphur, or sulphur dioxide, can be used in many different ways in preserving the quality of fruit. Usually it is applied to fruits which are to undergo further processing. In South Africa, grapes being shipped to local markets for table use are packed in "wood-wool", that is, excelsior. And it is reported that very favorable results have been obtained through spraying the packing material with a small quantity of a solution containing sodium or potassium bisulphite. SO_2 is slowly released over a long period of time, so that a relatively small concentration is present at any one time, but the effect is persistent. 738

Valuable to Processing

A patent has recently been issued for an arrangement of apparatus which makes it possible to remove from a continuous processing chamber any glass jars which may have broken during the retorting, without shutting down the apparatus or disturbing the heating of the other jars being processed. 739

KING CAN

The Great Protector

IN THE HISTORY BOOKS, "King Can" will rank among the great protectors, for who was better able to protect the many products that went to war with our fighting men?

Protection against spoilage and breakage is King Can's claim to wartime fame today. Tomorrow, you will find that owing to wartime research he is even better able to protect you against higher costs.

Chlorellin

Chlorellin, a new antibacterial substance extracted from the fresh water alga, Chlorella, is a new member of the group of antibiotic substances, as is penicillin, extracted from the lower forms of plant life. Tests show high inhibitory action and some probable advantages over penicillin. 733

Paint Inhibits Bacteria

A new paint, based on a combination of phenolformaldehyde resin with a high percentage of polymerized tung oil has been found in England to produce a film which inhibits the growth of most bacteria even after the paint has been applied and dried six months. 734

German Process

If anyone happens to want "very sour thickened whey beverages" they may be glad to know that a German periodical reports that the vitamin C can be preserved in such products merely by keeping the whey in jars with screwed-on lids. 735

Enzymic Tenderizers

Osage orange trees, named for one of the most warlike of the Indian tribes, and heretofore useful mainly as hedges to keep out the neighbor's cattle, yield an enzyme which can be used in tenderizing meats and natural sausage casings. Two Canadian patents cover the use of the osage orange fruit and the fig as sources of enzymic tenderizers. 736

Soda bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works. lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda salt).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash. Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[7,8] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ½c. lower.

Soda citrate, USP VIII, bbls..lb. .18½- —
dms. .....lb. .19½- .23¼
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .39
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29¼
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10¼
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 96%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms. .....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.45
Iodide, bots.....lb. 2.53 - 2.67
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metasilate, bgs.....lb. .40 - —

Soda metasilicate,[6] anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[6] nhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.85 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.32.40 - —
bulk, same basis.....ton.30.80 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —

Soda peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic). Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10½
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.25 - 6.10
l.c.l., same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.60
Soda ricinoleate, tech., bbls...lb. .12 - —

NATIONAL CAN

PLANTS: NEW YORK · BOSTON · BALTIMORE · CHICAGO · HAMILTON, OHIO · FORT WAYNE, INDIANA

Spice Use Increase

A survey for American Spice Trade Association reveals increasing American interest in use of spices for home use . . . as well as spiced foodstuffs purchased. Canners and food processors will find interest in types of spices preferred and in listing of children's tastes in spiced foods. 740

"Pliobonded"

Plywood 1/48 inch thick can be cemented to a metal surface with a new type adhesive, rubberlike, which has been developed in this country. A metal sheet of any thickness attached in this way to a wood layer can be shape-bent, cut with shears or stamped out without cracking the wood or loosening it from the metal, and other metal units can be welded to the back of the metal sheet. 741

Thicker Tomato Juice

According to the findings of one of our state experiment stations, when tomato juice is extracted without sufficient heating, a pectinase always present in the tomato breaks down the pectin immediately after the juice is extracted and causes a thin, watery product which separates easily. Increasing the temperature of the hot break process sufficiently to inactivate this pectin-destroying enzyme will give a juice with a heavier body and smooth consistency. 742

A New Dessert

An interesting application of a controlled chemical reaction is shown in a new dessert powder. Desserts with a smooth, custardy texture can be prepared by substituting a lactone for the rennet used heretofore in making coagulated milk gels. The lactone liberates acid very slowly throughout the entire body of the milk, and in the process is changed to an edible simple sugar. This powder, sugar, flavoring and the lactone can be mixed in the proper proportions, dry. When it is desired to make a dessert, water at slightly above room temperature is added and the mixture is allowed to stand until set, then chilled. 743

A New Bactericide

Bacteria-destroying agents which can be obtained from molds, bacteria, and other simple forms of life, have been receiving much attention lately. Preliminary tests on a substance isolated from one of the higher plants indicate that these, too, may furnish antibacterial agents. This particular substance is Nordihydroguiaretic acid, which has also been receiving some attention as an anti-oxidant for fats and oil. The author suggests that this acid, although it does show definite value in destroying bacteria, may not be useful in chemotherapy, but that the higher plants in general should be investigated for other valuable products of this sort. 744

Technical Topics

RETARDS OXIDATION — Ethyl gallate, used in very small proportions, has been found to stabilize edible cottonseed, palm, and peanut oils against oxidation of the glycerides and objectionable changes in flavor. Retardation of oxidation is important, not only with respect to flavor, but because of the loss of vitamin A or carotene. 745

WEED KILLER — Weed killer for which special efficacy is claimed consists of furfuraldehyde, saturated with ammonium sulphocyanate, in diesel oil in the proportion of 1 to 20 by volume. 746

PARAFFIN INSULATION — Paraffin that does not melt below 270°F. has been synthesized with the aid of ruthenium catalysts in one of the Fischer processes. The product is said to be an excellent insulation for high-frequency electricity and a substitute for carnauba wax. 747

NEW DETERGENT LUBRICANT — Lithium compounds are being employed in a new detergent lubricant, which is claimed to keep internal combustion engines free of carbon deposits and scales. 748

TRICRESYL PHOSPHATE—A tricresyl phosphate type plasticizer is now being manufactured by a large chemical producer. 749

SULPHITE LYE — Sulphite lye use as a stabilizing agent for the surface treatment of roads has been found to add substantially to the bearing capacity of a gravel surface and to its resistance to shearing, according to tests carried out by the Province of Quebec Roads Department. 750

LAC-OIL VARNISH — Lac-oil varnish may be more easily and satisfactorily prepared if the shellac is previously mixed with red lead in boiling water. This facilitates dissolution in boiled oil. The incorporation of a little crepe rubber reduces the tackiness period of such varnishes. 751

ANT CONTROL — Mound-building prairie ants, which do much damage to highways and roadways in general, are effectively controlled by the injection of carbon bisulphide into their nests. From one ounce to three ounces is usually sufficient. Early spring is the best time for applying the treatment. 752

QUINOL RETAINS "A" — Loss of vitamin A in codliver oil ointments can be prevented by adding 0.2 percent of quinol. Lanolin should not be used in such preparations because of its deleterious action on the vitamin content. 753

ASCORBIC ACID NEEDED — Normal taste and flavor of orange or grapefruit beverages is better retained if ascorbic acid be added in excess of the quantity required to take up the free oxygen. 754

ALUMINUM STEARATE AIDS — Insecticidal oil sprays with a minimum phytocidal effect are made by adding from one percent to five percent of aluminum stearate, or similar metallic soap, to a light mineral oil. 755

MERCAPTOETHANOL — Mercaptoethanol, a liquid with the properties of both an alcohol and a mercaptan, has been developed by a large producer of fine chemicals. 756

CANNED UNPEELED APRICOTS — Canned whole unpeeled apricots, which practically disappeared last year because of the sugar shortage, are again being packed. Packing the fruit unpeeled requires more sugar, but it eliminates the steps of peeling and cutting in halves. OPA made available additional sugar for packing unpeeled fruit, in excess of the 1941 pack. 757

FEATHER FIBERS — Feather fibers, which are largely protein, may be used in plastics and surgical sutures. One hundred million pounds of feathers yearly, now largely wasted, may become available as an industrial raw material, by a new simple pickling process which avoids spoilage. 758

INORGANIC CANVAS — A new textile, made by combining glass and asbestos fibers, is termed an inorganic canvas, and has a high abrasion and heat resistance with light weight. 759

Every effort will be made to furnish additional information on these articles. Where such information is not obtainable, we will refer inquiries to the original source of the article. Write to National Can Corporation, 110 East 42nd Street, New York City. Please mention the number at end of article—also name of the magazine you saw it in.

NATIONAL CAN CORPORATION

Manufacturers of

SANITARY PACKERS CANS · PLAIN AND LITHOGRAPHED CANS FOR FOODS, DRUGS, OILS, PAINTS, VARNISHES · STEEL DRUMS AND PAILS

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(*Advertisement*)

Soda sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.30 - 2.40
cryst. (see Glauber's salt).
USP. cryst., gran., bbls..lb. .07 - .10

Sulphathiazole, m e n o hydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol, com'l, dms., works...lb. .17¾- —

Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19½- .19½
less than 100 lbs., works, lb. .23 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super. bxs., c.l., wks.lb. .04½- —
Squawvine, bls.....lb. No prices
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs.100 lbs. 4.06 - —
Chicago .....100 lbs. 3.72 - —
Starch, corn, powd., bgs..100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0634- —
l.c.l. .....lb. .079 - —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25

Strontium chloride, tech., bbls., lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37½- —
Salicylate, NF, dms.....lb. 1.10 - 1.15
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -57.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .88 - —
powd., c..s., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —

Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000 - lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works..lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, commi. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04⁵- .06
tanks, works.....lb. .04 - —

Sulphur dioxide, liq. refrigeration, cyls., works..lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls.....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points,
Baito..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c., per unit-ton higher.
triple 40% and more a.p.a., bulk, producing points,
Florida .....unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

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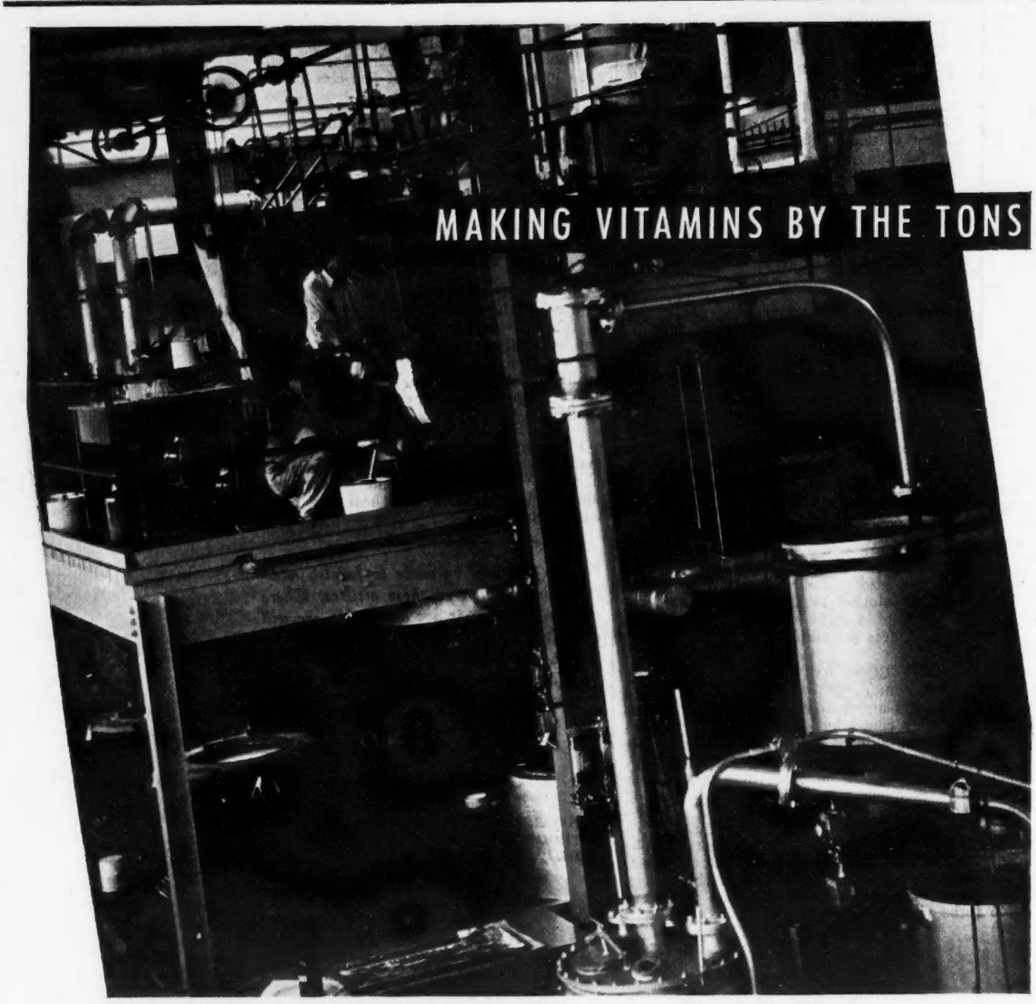
Talc, dom., aluminum-flake type, grd., bgs., c.l., works. ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l.,works.ton.17.50 -48.00
Talc, fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 13.50
l.c.l., works.....ton.12.00 14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,6] edible, tanks.....lb. .09½- —
inedible, extra, loose.....lb. .08½- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grs., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] Brazil, bgs...lb. .06½- .07¼
Java, bgs.....lb. No stocks
Tar acid oil,[3,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29¾
25%, dms., c.l., works..gal. .30 - .31½
l.c.l., works.....lb. .32 - .33½
Pine, retort, dms., c.l., dlvd. East..gal. .32¾- —
l.c.l., works.....(gal. .29¾- —
tanks, dlvd. East.....gal. .27 - —

Tara, powd.....ton.125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms...lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½ - .25½
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.180.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .86 - .87
Spanish, bls.....lb. .18½- .19
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.88 - 4.19
dms.....lb. 3.40 - 3.80
Tikitik (see Rice bran).
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .56 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15½- —
smaller lots, dlvd.....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons one deliv., dlvd..lb. .16¾- —
smaller lots dlvd.....lb. .17 - .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls.¼c. higher; Pac. cst., ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 30% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .30 - —
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] dms., c.l., works, Zone 1, frt. alld...lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichlorethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .28½- .31½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works...lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[3] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —



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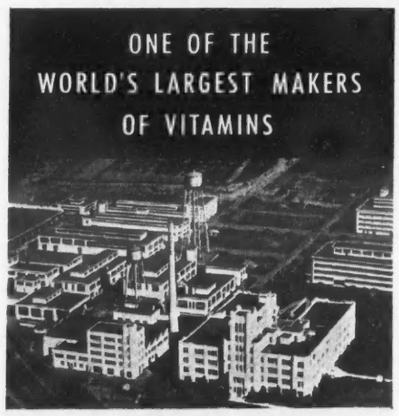

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ASCORBIC ACID—Vitamin C—Users of 30 kilos or less per month can now get immediate delivery at any time without allocation.

If at all in doubt as to procedure for obtaining vitamins still on allocation, contact our Vitamin Division. And *whenever* you order vitamins—B_1, B_2, B_6, C or E—Specify 'Roche' and rest assured of getting the finest science can produce, in the most desirable forms, at the lowest prices consistent with uncompromising quality.

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M. P. 130° F up to 165° F.

in Olive-green, Amber and Natural Yellow colors,
Needle Penetrations at 77/100/5 from 16 to 95

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Physical and Chemical properties are identical to those of the natural product.

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Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[3,4] (see Derris root).
Tungsten metal, powd.,[3] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86¼- .86¾
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .67 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium[6] oxide, black bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import. cure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
Fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3 ton.116.80- —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Uva ursi leaves, bls.....lb. .22 - .28

V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 9.00 - 9.50
Mexican, cuts, tins.....lb. 7.50 - 8.00
whole, tins.....lb. 9.00 - 9.50
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .26
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works..lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers: account... ton.50.00 - —
Wattlebark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.. per ton.52.75 -57.75
Wattlebark, extract liquid, 35% tannin bbls., works..lb. .05 - .06
tanks .....lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0535- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works.lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
Wax, bees, yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton, lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., less.....lb. .56½- .56¾
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .68
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44¼
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l.....ton.23.00 -27.00
Paris white, bgs., c.l..ton.24.00 -28.00
Carnauba,[1] chalky, No. 3, bgs., ton. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No. 2, bgs., ton. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83¼
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¾- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .45½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[3] powd., dms., 40 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l.....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l.....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l.....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l.....ton.23.00 -27.00
Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l.....ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l.....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .23 - .24
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .28
Levant .....lb. 6.50 - —
Wormwood, bls.....lb. .50 Nom.

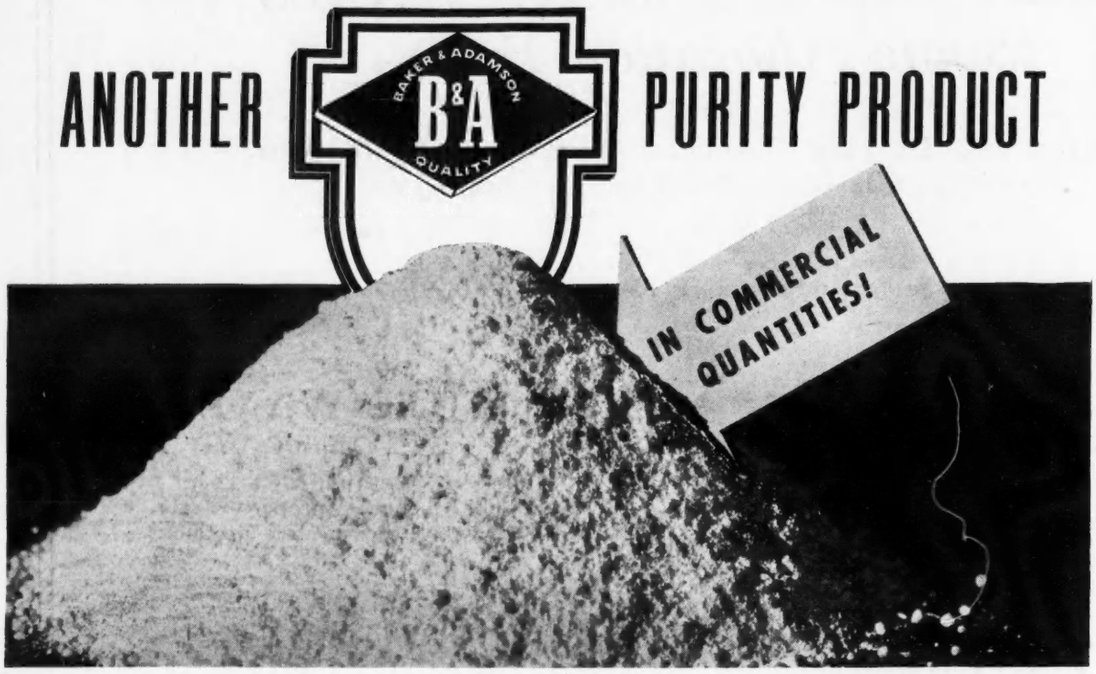
X

Xylene (see Xylol).
Xylol[6] (xylene), indus., dms. return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
8°, dms, return, works...gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nc. N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, benzidin, bbls., dlvd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts, lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C. & S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c. El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —

ANOTHER B&A PURITY PRODUCT



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Los Angeles • San Francisco • Seattle, Wenatchee and Yakima (Wash.)

In Canada: The Nichols Chemical Company, Limited • Montreal • Toronto • Vancouver

Yellow, ocher, American, golden, bbls., works..lb.	.04½-	.06¾
yellow, bbls., works.....lb.	.02 -	.02⅝
French type, bbls., c.l....lb.	.0245-	—
l.c.l. .....lb.	.0365-	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb.	.04½-	—
l.c.l., same basis.....lb.	.05 -	—
synth., bbls., c.l., works....lb.	.07 -	—
l.c.l., works.....lb.	.071 -	—
Persian orange (see O).		
Zinc,[6] bbls., same basis as chrome..lb.	.15 -	—
Navy spec. type, bbls., contracts..lb.	.15 -	—
Yellow dock root, bls.....lb.	.28 -	.40
Yellow xanthorrhiza.....lb.	.25 -	.30
Yerba santa leaves, bls.....lb.	.24 -	.25
Yohimbine hydrochloride, vis..oz.	3.00 -	5.75

Fats, Oils Output: May

The preliminary statistics of the factory production and consumption of animal and vegetable fats and oils for May, 1944, as compiled by the Bureau of Census, follows:—

Vegetable Oils

	Pounds—Production	Pounds—Consumption
Babassu, crude	[2]	[2]
Refined		[2]
Castor, No. 1, crude	10,449,000	11,925,000
No. 3, crude	3,047,000	4,076,000
Dehydrated	6,054,000	6,046,000
Sulphonated		499,000
Chinawood or tung oil	495,000	890,000
Coconut, crude	13,470,000	17,148,000
Refined	5,830,000	6,123,000
Corn, crude	16,756,000	16,920,000
Refined	15,385,000	6,630,000
Cottonseed, crude	43,436,000	71,587,000
Refined	66,363,000	100,092,000
Linseed	74,137,000	49,575,000
Olive, edible		65,000
Inedible		27,000
Sulphur oil or olive foots	[2]	170,000
Oiticica	[2]	600,000
Palmkernel, crude		3,000
Refined		
Palm, crude		5,481,000
Refined	[2]	[2]
Peanut, crude or virgin[1]	8,693,000	9,922,000
Refined	9,125,000	5,719,000
Sesame	[2]	163,000
Soybean, crude	107,944,000	114,564,000
Refined	107,265,000	93,620,000
All other	1,744,000	1,906,000

Animal Fats

Lard, rendered (including neutral lard and rendered pork fats)	250,941,000	18,081,000
Neatsfoot oil	258,000	270,000
Tallow, edible	10,074,000	10,169,000
Inedible	88,526,000	101,478,000

Fish Oils[4]

Codliver oil	355,000	1,035,000
Cod oil	60,000	1,030,000
Marine mammal oil		1,348,000
Other fish oil except liver oil	[5]641,000	12,450,000
Other liver oil	559,000	508,000

Greases

Greases (including garbage and house), other than wool	61,947,000	58,681,000
Wool grease	1,436,000	1,757,000

Secondary Products

Animal fat and oil fatty acids	22,482,000	21,790,000
Animal foots, 100% basis	2,378,000	2,468,000
Fish and marine mammal fatty acids	2,983,000	944,000
Grease and lard oil	3,883,000	4,215,000
Oleo oil	6,089,000	2,293,000
Red oil or oleic acid	7,243,000	5,147,000
Stearic acid	5,120,000	3,937,000
Foots from fish and marine mammal oil (100% basis)	[6]	118,000
Stearin, animal, edible	3,426,000	2,836,000
Inedible	2,475,000	1,694,000
Stearin, vegetable oil, winter	8,432,000	5,349,000
Tallow oil	1,611,000	955,000
Vegetable oil fatty acids from foots and other than from foots including fatty acids from tall oil, palm oil, refuse, etc	13,732,000	14,669,000

Raw Materials Used

The quantities of raw materials used to produce vegetable oils in May and stocks at the end of the month were as follows:—

	Tons—Consumed	Tons—Stocks
Castor beans	14,293	22,436
Copra	10,649	8,861
Corn germs	23,359	288
Cottonseed	133,599	178,749
Flaxseed	108,364	256,194
Soybeans	375,173	822,859
Other	2,976	2,009

[1] Bureau of Agricultural Economics collected the data from peanut oil producers.
[2] Included in "All other" vegetable oils.
[3] Not shown to avoid disclosure of individual operations.
[4] Fish and Wildlife Service collected the data from fish oil producers.
[5] Includes 2,518,000 pounds of herring, sardine and pilchard, and 9,107,000 pounds of menhaden for June, and corresponding figures for May are 67,000 and 367,000.
[6] Not shown to avoid disclosure of individual operations.

U.S. Revenue in 1943-4

Federal internal revenue collections in the fiscal years ended June 30, 1943 and 1944, included the following items:—

	1944	1943
Coconut and other oils processed	$8,710,142.54	$4,435,464.24
Credit to trust accounts, included	1,519,908.22	2,496,305.21
Gasoline	271,216,501.79	288,785,826.00
Lubricating oils	52,473,093.61	43,318,312.71
Matches	8,746,093.12	9,372,201.79
Narcotics and marihuana, including special taxes	779,415.31	788,094.14
Oleomargarin, including special taxes	4,083,663.13	2,620,643.80

Z

Zein, bgs., 1,000 lbs., works..lb.	.25 -	—
smaller lots, works.....lb.	.30 -	—
Zinc acetate, tech., bbls., dlvd..lb.	.16 -	.17
USP, bbls., 250 lbs.....lb.	.26 -	.27
kgs., 100 lbs.....lb.	.29 -	—
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb.	.11¾-	.12¼
l.c.l., same basis.....lb.	.12¾-	.13¾
Borate, bgs., c.l.....lb.	.12 -	—
l.c.l. .....lb.	.12½-	—
Carbonate, tech., bbls.....lb.	.14 -	.20
USP, precip., powd., bbls..lb.	.35 -	—
dms. .....lb.	.40 -	—
kgs. .....lb.	.37 -	—
Chloride, tech., fused, dms., c.l., works..100 lbs.	5.00 -	—
l.c.l., works.....100 lbs.	5.35 -	—
gran., dms., c.l., works..... 100 lbs.	5.75 -	—
l.c.l., works.....100 lbs.	6.50 -	—
USP, dms.....lb.	.30 -	.31
jars .....lb.	.35 -	.36
solution, 50%, dms., c.l., works lb.	.0315-	—
l.c.l., works.....lb.	.04¼-	.04½
tanks, works.....lb.	.0250-	—
Chromate (see Yellow, Zinc).		
Cyanide, kgs., works.....lb.	.33 -	.37
Dust,[6] bbls., c.l., dlvd.....lb.	.1035-	—
l.c.l., works.....lb.	.1135-	—
Fluoride, bbls.....lb.	.25 -	.30
Iodide, NF, bots.....lb.	4.54 -	—
jars .....lb.	4.40 -	—
Metal,[1,6,8] (quotations in Paint Market report).		
Naphthenate, 8%-10% Zn, 50-gal. dms..lb.	.16 -	.19½
Laurate, bbls.....lb.	.32 -	.35
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07⅞-	—
American process, com'l, lead free,[4] bgs., c.l., dlvd. lb.	.07¼-	—
Zinc oxide, pigment, dom., Amer., process, com'l, lead free, bgs., l.c.l., dlvd..lb.	.07½-	—
leaded, 5%, bgs., c.l., dlvd. lb.	.07⅛-	—
l.c.l., dlvd.....lb.	.07⅝-	—
35% or more, bgs., c.l., dlvd..lb.	.07 -	—
l.c.l., dlvd.....lb.	.07¼-	—
French process, com'l, lead free,[4] bgs., c.l., dlvd...lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
green seal, bgs., c.l., dlvd., lb.	.09 -	—
l.c.l., dlvd.....lb.	.09¾-	—
red seal, bgs., c.l., dlvd.lb.	.08½-	—
l.c.l., dlvd.....lb.	.08¾-	—
white seal, bgs., c.l., dlvd. lb.	.09½-	—
l.c.l., dlvd.....lb.	.09¾-	—
USP,[6] 50-lb. ctns., c.l.....lb.	.10½-	—
l.c.l. .....lb.	.10¾-	—
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l. ex whse., ½c. higher.		
Resinate, 8.7% Zn, 100-lb. dms. lb.	.14½-	—
fused, pale, bbls.....lb.	.11 -	.12
precipitated, dms., dlvd....lb.	.15 -	—
Silicofluoride, bbls.....lb.	.15 -	.18
Stearate, tech., ctns., c.l., frt. equald..lb.	.29 -	—
ton lots, frt. equald...lb.	.30 -	—
smaller lots, frt. equald.lb.	.31 -	—
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l..... 100 lbs.	3.60 -	—
l.c.l. .....100 lbs.	4.35 -	—
flake, bgs., c.l.....100 lbs.	4.10 -	—
l.c.l. .....100 lbs.	4.85 -	—
powd., bgs., c.l.....100 lbs.	5.80 -	—
l.c.l. .....100 lbs.	6.55 -	—
Zinc sulphate in bbls., 25c. higher.		
Sulphide,[1,6] pure, bgs., c.l., dlvd..lb.	.08¼-	—
l.c.l., dlvd.....lb.	.08½-	—
bbls., c.l., dlvd.....lb.	.08½-	—
l.c.l., dlvd.....lb.	.08¾-	—
Zinc sulphide, barium pigment, bgs., c.l., dlvd..lb.	.0560-	—
l.c.l., dlvd.....lb.	.0585-	—
calcium pigment, bgs., c.l., dlvd..lb.	.0560-	—
l.c.l., dlvd.....lb.	.0585-	—
fluorescent, pigment, works, frt. alld..lb.	.90 -	1.00
magnesium pigment, bgs., c.l., dlvd..lb.	.06¾-	—
l.c.l., dlvd.....lb.	.06 -	—
Zinc sulphide on Pac. cst. ¼c. higher for purs, ½c. for others.		
Sulphocarbolate, NF, bbls., dms., lb.	.28 -	.31
Tallate, 8% Zn, 50-gal. dms.lb.	.09¾-	—
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.65 -	—
l.c.l. works.....100 lbs.	6.70 -	—
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb.	2.50 -	2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb.	.06 -	—
l.c.l., dlvd. E. of Rockies. lb.	.06¾-	—
dlvd. Pac. cst.....lb.	.06⅝-	—
Zirconium hydride, cns., works. lb.	7.00 -	8.00
Nitrate, kgs., works.....lb.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00 -	100.00
white, 98%, grd., kgs., works. lb.	1.80 -	2.00
ex whse., Pac. cst....lb.	.07 -	—

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for August 7.

TAM ZIRCON REFRACTORIES
FOR HIGH TEMPERATURE USES

TAMCO Zircon Refractories give most excellent results in industries such as Aluminum remelting, metaphosphate manufacture, platinum and special alloy melting, high temperature applications, etc.

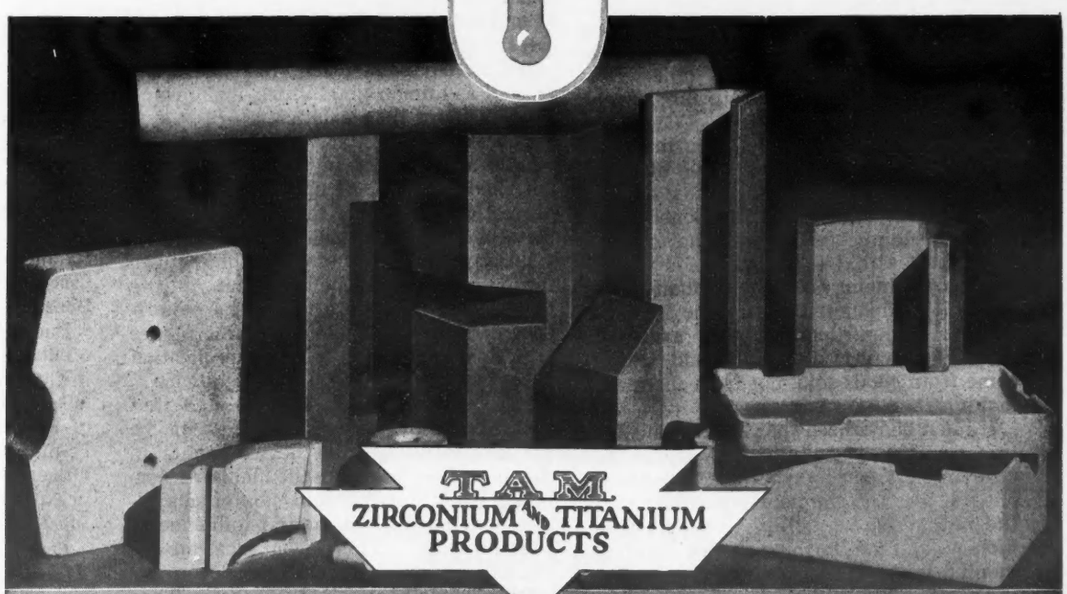
The properties of TAMCO Zircon Grog type bricks are as follows:

P.C.E. . . . . .Above cone 42
Safe Operating Limits . . . . .Up to 3500° F.
Thermal Spalling. . . . . .13 cycles (air blast 10 minutes on 10 minutes off at 2500° F.)
Cold Modulus. . . . . 2000 lbs. sq. in.
Hot Modulus @ 2200° F. . . . .186 lbs. sq. in.

Apparent porosity . . . 24 hours soak—14.7% 5 hours boil—18.0%
Thermal Conductivity . . . . . 0.005 gm. cal. in G.G.S. system
Deformation under load . . .25 lbs. per sq. in. 2750° F.—2.72%
Specific gravity . . . . . Bulk 3.13

Zircon is highly resistant to acid reactions. It is not wetted by molten aluminum. Zircon does not grow and is a true super refractory.

TITANIUM
ALLOY MANUFACTURING COMPANY



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"And Freedom's banner streaming o'er us"

Oil, Paint & Drug Reporter

Founded October 18, 1871, by William O. Allison
Directed, 1900-1942, by Harry J. Schnell

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Distribution Lags

It must be realized that continuation of adequate employment through the postwar years requires maintenance of at least 80 percent of the current volume and value of manufacturing production. A reduction of almost 20 percent may be allowed by reason of the departure from factory work of the greater part of the women now employed and the return to other fields of endeavor of a goodly number of men—both of whom otherwise would freeze out workers returning from armed service.

It must be realized that the maintenance of such volume and value of production demands that all ideas of an economy of scarcity be abandoned and that everything possible be done to construct and stabilize a system for translating a producing economy of plenty into terms of adequate consumption. Production without consumption can pay nobody a penny; for profit and wages come from goods sold, not from the mere making thereof.

It must be realized that the reason why this country was obliged to accept an economy of scarcity was not a political one. It was the simple, obvious fact that the nation's great ability to produce, in factory and on farm, was not complemented with an adequate service of distribution. The distributive service was also inefficient and, naturally, excessively costly. These shortcomings have not yet been remedied.

It must be realized, in all the talk of aiding returning veterans to fulfill their widely expressed desire to get in business for themselves, that, while the increasing of the number of distributing outlets would make the service more nearly adequate, it would do so only at a prohibitive cost in largely inefficient competition. Better distributive units are needed far more than larger numbers. It might be that more efficient distribution of the existing number of units would alone provide adequate service.

Those who argue that costs of distribution, and consequently selling prices, must go up, are still submerged in the muck of nineteenth century inefficiency. Unless they get out and get wise and get busy, they will find that more efficient, less costly service will be looked for in chains and cooperatives, the latter taking up where the supermarkets and other chains reach their point of diminishing returns. From many points of view, these are the only means of keeping distribution out of the hands of government.

There is a troublesome significance in the opposition voiced by business corporations to the "inroads of cooperatives into private industry." This significance lies in the sophistry which makes a corporation with 20,000 stockholders in perhaps twenty States more representative of private industry than is a cooperative composed of a few hundred neighbors. Arguments such as that are peculiarly out of place in these days. It is true that some cooperatives exist largely by means of political patronage. The same is true, maybe in lesser proportion, of some corporations. Neither group is to be condemned as a whole for a taint which it does not relish.

The big business problem of today, and tomorrow, is to construct and operate a service of distribution which will adequately dispense the benefits of productive capacity at a cost that imposes no handicaps. This cannot be done under the ideas and attitudes of 1899.

—O-P-D—

Finishing Faces New Things

Plastics and metals are going to be complementary, not competitive, materials of construction and other fabrications after the war, according to more or less authenticated spokesmen for both interests. The picture they paint is an interesting one, and it has large promise of realization—if it is found possible and practicable to develop the requisite measure of understanding and correlation on both sides. Competition does not, of itself, make for complementing. And the laws, as well as human proclivities, make competition more than a fetish.

The complementary functioning of metals and plastics in many fields does not shed a rosy light upon the future of protective coatings of the prewar types—metalplating and painting especially. Where plastics will not enter the picture, there is reason to believe that, in the finishing of metallic articles, the experience of war aviation in lightening planes will find more than a little application to any number of classes of metalware.

It is not exactly to be expected that natural metal finishes alone will be popular; although the developments in the past few years in the fields of corrosion-proof ferrous and nonferrous alloys will have a substantial influence in that direction. The newer ideas in the finishing of metals comprise decorative effects, as well as protective means. They have stretched to almost unlimited possibilities the coloring of ferrous and nonferrous metals and alloys, which at one time was represented only by the heat-bluing or the sulphide-browning of steel. Aluminum can be pink or purple or mottled; so can steel or brass or even tinplate, according to metallurgic claims, some of which antedate this war's era.

The chemical hardening of wood is another development departing from the beaten track of protective coating. It is said that these synthetic hardwoods can be treated in a single, or in successive, impregnations with a variety of colorings, as well as the hardeners. A bundle of shingles—they may be spruce for all that—goes into a boiler or two and comes out with better wearing qualities and a greater and more pleasing variety of coloration than roofing slate.

Finishing, protective and decorative, is in for a lot of new things. The wise members of the several finishing families of industry will be knowing about these things thoroughly and soon.

—O-P-D—

TVA May Get a Brother

Congress has been asked by a senator from the region to provide the necessary authority and funds and other wherewithals for the establishment and operation of a big governmental business in electric power, minerals development, and various concomitant lines in the valley of the upper Missouri river. The senator from Montana would have TVA given a new brother, or sister, one of whose birthrights would be the same as that of the older child in the profitable (for the owners of deposits) utilization of phosphate rock by means of production of superphosphate for "purposes of demonstration" (of the expansiveness and costliness of governmental paternalism).

The floodwaters of the Northwest should be controlled. Irrigation and fertilization of the agricultural areas of the region should be facilitated and extended. The water power of its river system should be harnessed and converted into electricity for distribution to the greatest possible number of users. The minerals and other natural resources of the region should be put to good use. But, there is no economic reason why the doing of these things should be undertaken by government.

The TVA project has passed through its period of experimentation and demonstration. The record of its achievements belongs to the people in a frank and full statement of facts. It has done a deal of good. It has done some unnecessary harm. Whether it has been worthwhile depends on what is done with it. For the greatest good, it should be leased for private operation — and the proposed MVA does not need a preliminary period of demonstration.

—O-P-D—

Somebody Else's War

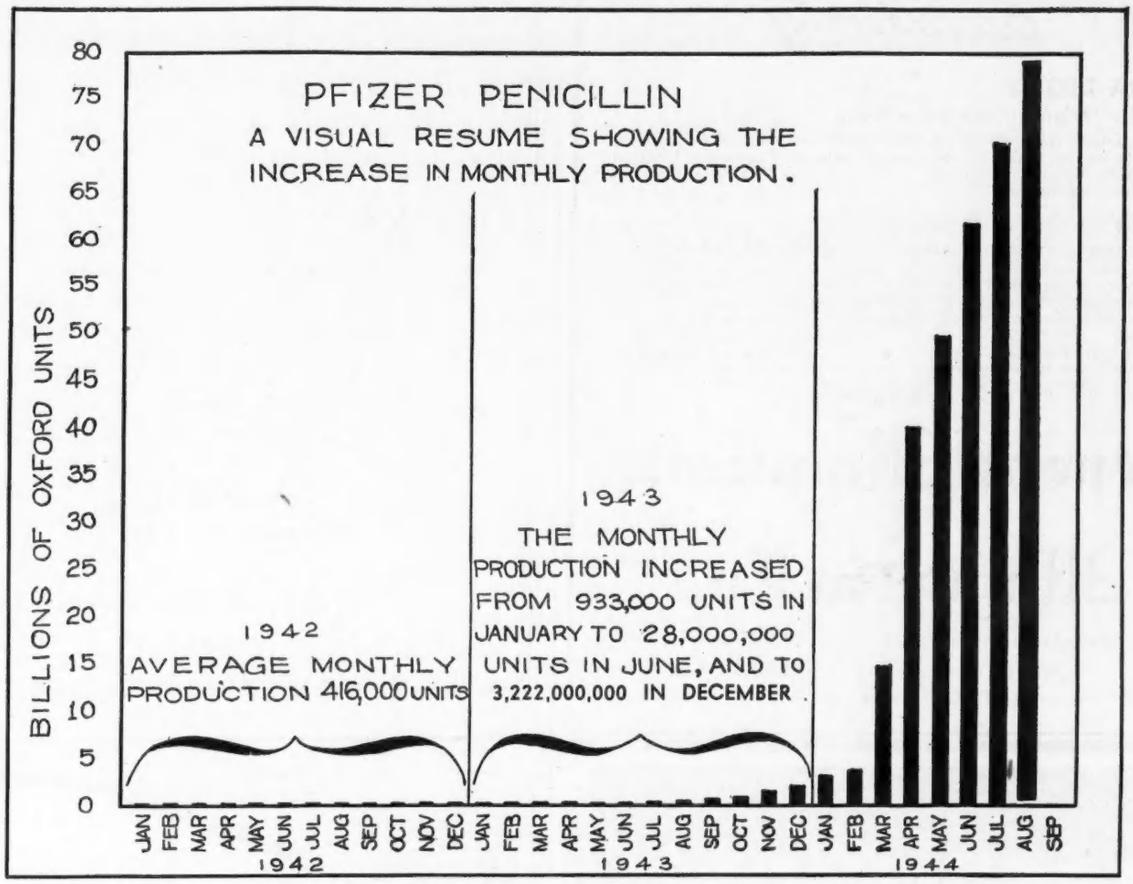
Many advocates of revived civilian production seem wholly to disregard the first word in the title War Production Board.

Bad thinking on the part of government officials is aggravating the wishful thinking of those who see the war mainly as an interference with their regular order of business. So, the navy must operate Pacific coast machine shops while army officers tell Congress of lagging supplies of equipment and big men in steel bewail the inadequacy of manpower.

Opportunists, many without a trace of Americanism in them, demand permission to raid the markets built by established concerns, while the latter are busy in warwork. And they get a lot of backing by politicians and the press.

Is it any wonder that the men in the fighting zones, reading the news from home, ask:—"What the hell do those bums think we're fightin' for?"

PENICILLIN
PFIZER



Although the research program on the production of PENICILLIN was still in full swing in both the PFIZER research laboratories and pilot plant, erection of the plant for its large-scale production was begun in September 1943. The War Production Board gave this project its wholehearted support, not only by furnishing the necessary priorities, but also by seeing that the construction materials and the equipment needed arrived on time. Work on this project proceeded on a round-the-clock basis, with the result that it was completed in six months.

Production in this new plant was started in March of this year and has steadily increased since then. The accompanying chart expresses the great strides made in PFIZER'S production of PENICILLIN much more strikingly than could be done with words alone. Throughout this entire program PFIZER has remained the world's largest producer of PENICILLIN.

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Heavy Chemicals

Fundamental conditions in the heavy chemical market did not alter materially over the turn of the month. There were few instances where the supply situation registered improvement while reports of short stocks were frequent. The major movement was toward war production industries either directly or indirectly. It was conceded that the movement was not permanent and in view of this, there was a vein of conservatism regarding the extension of civilian commitments. This conservatism appeared to be the result of caution rather than fear, for as Europe gets set for the last act, there is a growing realization that consuming industries will confront the problem of termination of contracts and partial reconversion of manufacturing facilities rather than the old problem of how to handle growing backlogs.

Lend-lease has been at least a factor responsible for the distortion of some of the current chemical supply shortages. Potash caustic has been taken for export and so has carbonate. Production of the former has also been hindered by the conversion of caustic potash liquor into potash carbonate to supply military demands of the government. Producers of both of these chemicals have the situation under control and while civilian wants have been somewhat delayed, the shortage has not and probably will not reach the actute stage. One of the bright spots revealed was in copper sulphate where the stockpile registered a gradual increase. All the odd lots of sulphuric acid that were on the market a short time ago have disappeared and current demand is getting further ahead of production.

Paper production as a percentage of six-day capacity was 93.2 in the week ended Aug. 26, according to the American Paper & Pulp Association. This compares with 91.3 in the previous week and 91.2 percent a year ago.

Aluminum.—With ample supplies of aluminum ingot on hand for both military and essential civilian production, WPB has ordered further cutbacks in the output of light metal. In announcing the domestic cutbacks, it was officially stated that scheduled imports of aluminum from Canada had been reduced sharply for the remainder of the year and that delivery of 250,000,000 pounds of Canadian metal under contract had been postponed indefinitely.

Ammoniac Sal. — In recent reports the heavy demand for sal ammoniac from the dry battery manufacturers was noted. WPB states that progress by the dry cell battery industry in its renewed effort to increase production is reported. At the same time, the industry was urged to spare no effort in effecting further increases, since production is still about 28 percent below minimum military and civilian requirements. Army representatives emphasized the immediate necessity of stepping up production of all types of batteries. Overall production in July was about 170,000,000 cells as compared with a monthly average of slightly less than 73,000,000 cells in 1940. August reports are expected to show a greater increase, reflecting further expansion of plant facilities.

Calcium Chloride.—Supply situation remained uncertain. Some producers were in a position to satisfy demand more rapidly than others. The movement while heavy, seemed to be well under control. In some producing quarters, shipments were reported only a day or two behind contract schedules.

Cobalt Sulphate. — Regional Redistribution Division of WPB, located in the Empire State Building this city, offered for sale 1,170 pounds of this material. The lot was taken from excess inventories.

Copper Sulphate. — Export business has developed on a larger scale due to an easement in shipping facilities to South America, Central America and Mexico. Banana growers in these sections require copper sulphate to combat a destructive plant disease known as sigatoka. A gradual increase in the stockpile is taking place with prospects of more rapid improvement as the year progresses. Rumors of additional lend lease shipments to Europe were heard but no actual releases could be confirmed.

Fluorspar. — Mica-graphite division of WPB has issued a statement clarifying the situation in reference to the sale of metallurgical fluorspar. It was stated that the discontinuance of the restricted shipping plan on Aug. 12, 1944, indicates in no way that efforts toward increasing production of metallurgical fluorspar should be relaxed. A release on Aug. 12, gave an erroneous impression, the division asserted.

Soda Ash. — Consuming industries are taking this material as rapidly as produced and shipments in many instances are behind contract schedules. Under these influences the market has not improved from a buyers' point of view and in some producing quarters, no easement in the supply situation is anticipated until the war is over in Europe.

Soda Caustic.—Movement continued on an elaborate scale without leaving any reserve material for market use. The situation is not unlike that in soda ash. Short shipments are reported against standing contracts. With demand ahead of supply, the market maintained a definitely tight position.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Acids

Chromic.—No easement in supply conditions. WPB has called attention to the fact that stocks are insufficient to maintain existing plating and anodizing equipment in operation. It is therefore necessary to ascertain whether or not chromic acid will be allocated for new equipment before it is installed, because in several instances new equipment has remained idle for lack of acid.

Lactic.—Available supplies are not going to be sufficient to satisfy civilian requirements in view of the increased military requirements, officials of WPB asserted. This material was placed under allocation September 1. Requests for September allocations should be made to WPB as soon as possible, Chemicals Bureau emphasized.

Oxalic.—Buying conditions remained very tight with no indication of easement. Demand has flooded production facilities and has included both government and industrial requirements. In some producing quarters, it was asserted the supply situation was the tightest experienced in recent years. The outlook is not favorable toward any nearby improvement, in fact some interests are convinced that no permanent easement can be expected until the war ends.

Sulphuric.—Supply situation of this market has become tight with a tendency to grow tighter. While the condition may be of temporary existence it is quite a problem to the manufacturers of superphosphate at present. The steel industry has received shipments regularly while heavy shipments remained in progress for use in the manufacture of aviation gasoline. The military situation is being followed closely as it is possible that a culmination of activities in Europe might alter the supply picture appreciably.

Insecticides

Department of Agriculture states that shipments of fruits and vegetables from the area heavily infected with the Japanese beetle will not be subject to restrictions of the federal quarantine for the remainder of the season after August 25 or September 8, the

For Current prices see alphabetical listing beginning on page 9.

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effective dates in deficient sections. Cutflower shipments will not need the beetle certificate after September 30. On those dates the period of heavy flight of the beetle will have ceased in the different areas.

OPA announced, August 30, that dichloro-diphenyl-trichloroethane has been exempted from price control. This action will become effective September 4 and was taken because the constant change in specifications used in preparing this insecticide precludes any immediate and accurate determination of prices.

Cyanides, while able to satisfy most of the insecticide wants during the season, have developed a definitely strong position at the close. The shortage of stocks may be attributed directly to the curtailed production of metallic soda. The recent removal of government restrictions on methyl bromide for insecticide and fumigating uses suggests an improvement in the supply situation for this material.

Allied Chemical to Get DPC Plant Facilities

Jesse Jones, Secretary of Commerce, has announced that Defense Plant Corporation, RFC subsidiary, has authorized the execution of a contract with Allied Chemical & Dye Corporation, New York, to provide equipment at a plant at Detroit, Mich., at a cost of approximately $75,000 and equipment at a plant at Ironton, Ohio, at a cost of approximately $200,000. Allied Chemical & Dye Corporation will operate these facilities, title remaining in Defense Plant Corporation.

Sulphuric Acid Plant to Be Erected in Utah

Garfield Chemical & Manufacturing Company, a subsidiary of the Utah Copper Company and the American Smelting & Refining Company, Salt Lake City, Utah, have been granted preference ratings by the War Production Board for construction of a sulphuric acid plant with a daily capacity of 150 tons, at Garfield, Utah. Estimated cost is $1,000,000.

Barite Output Up In Second Quarter

Production of primary barite in the second quarter of 1944 totaled 125,070 short tons as against 110,530 short tons in the same period in 1943. Production of ground and crushed barite in the second quarter totaled 85,151 short tons as against 46,568 short tons in the corresponding 1943.

Laucks Eastern Sales Office Now at Lockport

I. F. Laucks, Inc., is combining its Eastern sales office at Chicago with its laboratories and plant at Lockport, N. Y., effective September 1. The change applies to both the glue and Laucks coatings and wood preservatives sales.

Steel Barrel Output Off

Production of heavy steel barrels and drums in June, 1944, was 1,508,833 compared with 1,539,401 for May, 1944, and 2,387,751 for June, 1943, according to the Bureau of Census. Shipments were 1,517,944 for June, 1944, as against 1,530,643 for May, 1944, and 2,412,645 for June, 1943. Stocks at at the end of the month totaled 39,564. Output of light type steel barrels and drums in June, 1944, reached 447,909, compared with 377,872 last year. Shipments were 461,769 for June, 1944, compared with 420,105 for May, 1944, and 372,058 for June, 1943, while unfilled orders at the end of the month were 1,483,533.

Quaker Oats Forms

—*Continued from page 3*

merged in the chemical department under the new plan, and their former designations discontinued. Lauren B. Hitchcock has been named manager of the department.

For nine years Mr. Hitchcock has been with the Hooker Electrochemical Company, Niagara Falls, N. Y., in both research and sales departments, lately as manager of sales development. Formerly professor of chemical engineering at the University of Virginia, he received his training at the Massachusetts Institute of Technology.

Monsanto to Open Seattle Sales Branch Office

The Monsanto Chemical Company, St. Louis, will open a general sales office in Seattle on September 1 with C. F. Trombley serving as branch manager and representing the company in all lines other than those of its recently-acquired I. F. Laucks properties. He will report to E. Schuler, general branch manager, West Coast territory, with offices in San Francisco.

C. F. Trombley

The new office is at 911 Western avenue, Seattle, headquarters of I. F. Laucks, Inc., makers of adhesives and lamination glues.

Mr. Trombley, with Monsanto since 1936, has had sales assignments in New England, St. Louis and New York.

Interchemical Gets Scriver-Quinn

Scriver & Quinn, Inc., manufacturer of industrial and household finishes and coatings, Los Angeles, is to be acquired as a subsidiary of the Interchemical Corporation, New York. C. E. Burge will continue as president of this Interchemical unit; W. H. Dernell, manager of the corporation's Ault & Wiborg division branch in southern California, will be vice-president. The Scriver & Quinn subsidiary and the Murphy Finishes Corporation, acquisition of which is being completed, along with the Ault & Wiborg division, will operate independently but will be served by the general technical staff of the parent concern.

Thompson, Weinman Name Radcliffe to Midwest Post

Robert S. Radcliffe has been named sales promotion manager in the middle western area for Thompson, Weinman & Co., New York, according to Holland W. Smith, vice-president. Mr. Radcliffe had previously been affiliated with E. I. du Pont de Nemours & Co. and with the R. T. Vanderbilt Company. He will maintain offices in Cleveland.

Trade Briefs

J. P. Plating Company is the firm name under which James Roger Mealey and Phillip Raymond Ortiz have published a certificate that they are conducting business at 6011 Compton avenue, Los Angeles 1, Calif.

Platers Chrome Brite Company is the firm name under which Charles M. Grimmett and H. B. Massion have published a certificate that they are conducting business at 711 Sunrise boulevard, Long Beach, Calif.

Dr. Edward U. Condon, associate director of the Research Laboratories for the Westinghouse Electric & Manufacturing Company, Schenectady, N. Y., has been elected to membership in the National Academy of Sciences.

American Basic Chemicals Materials, Inc., has been chartered under the laws of Maryland to deal in chemicals. The corporation has an authorized capital of 10,000 shares of stock of a par value of $10 a share, and the incorporators of record are Burton W. Graham, John Sollers and Howard E. Schaninger, all of Baltimore. The headquarters of the concern are at 343 North Calvert street, Baltimore.

Diamond
Research Chemists and Development Engineers cooperate in the perfection of Diamond Products to meet industry's ever-changing requirements.
Through close teamwork of our field and development engineers, research chemists and manufacturing personnel, DIAMOND coordinates a variety of specialized technical skills in perfecting the service rendered to users of Diamond Products.
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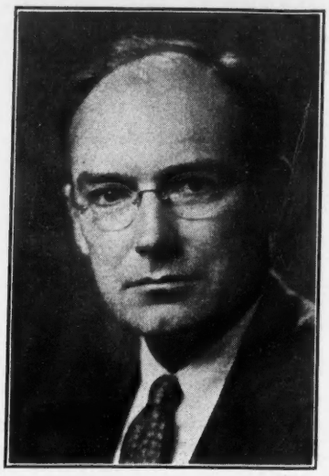

Abbott K. Hamilton has been named vice-president and general manager of Pennsylvania Alcohol & Chemical Corporation and the Siboney Distilling Corporation, wholly owned subsidiaries of the National Sugar Refining Company.

Tenn. Eastman to Sell Manganese Sulph. Direct

Tennessee Eastman Corporation, a subsidiary of Eastman Kodak Company, announces that sales of its manganese sulphate will be made directly by them from their offices at Kingsport, Tenn. For a number of years, Eastman's manganese sulphate has been distributed by Harshaw Chemical Company, Cleveland.

The Eastman Corporation claims to have originated the first commercial production of manganese sulphate in the United States approximately twenty years ago. The product is sold under their trade name of "Tecmangam," which is manufactured in two grades, one analyzing 65 percent and the other 78 percent manganese sulphate. Both grades are completely water soluble and consistently uniform in quality.

Tennessee Eastman Corporation announces that all carload shipments will be made from their plant at Kingsport, Tenn. For the convenience of less carload buyers, stocks are maintained by distributors throughout the East and Midwest. On the West coast, stocks of "Tecmangam" are maintained by Wilson & Geo. Meyer & Co. at Los Angeles, San Francisco, Portland, and Seattle.

Virginia-Carolina Sulphuric Plant Nears Completion

A new contact sulphuric plant at Wilmington, N. C., of the Virginia-Carolina Chemical Corporation, Richmond, Va., is approaching completion. It replaces a plant destroyed recently by fire and is scheduled to go into production September 15.

Chemical Salesmen To Golf Sept. 14

Salesmen's Association of the American Chemical Industry will hold its final golf tournament at the Pomonok Country Club, Flushing, L. I., Stepember 14. Following the dinner there will be the awarding of the yearly championship golf trophy for low gross as well as sixteen prizes valued at $125 in War Bonds and Stamps. On the entertainment side will be a floor show consisting of twelve acts.

Reservations are in charge of J. Robert Fisher, of the Fisher Chemical Company, 60 East Forty-second street, New York.

'Thanite' Output Increased

The Hercules Powder Company, Wilmington, Del., has placed in operation a new and larger plant for the production of 'Thanite,' an insecticide.

LIQUID *Sulfur Dioxide* BY ANSUL

ANSUL CHEMICAL COMPANY

OP-3A

MARINETTE WISCONSIN

EASTERN OFFICE: PAOLI, PENN.

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CHEMICAL PRODUCTS CORPORATION

CARTERSVILLE, GEORGIA

Textile and Leather Chemicals

Activity in the call for textile and leather chemicals was mainly for withdrawals against former contracts during the week while new business for both domestic and foreign materials lagged.

The sold up production of most sizing materials continued to keep these products in a tight supply condition and demand exceeded the productive capacity.

Interest in foreign tanning materials has decreased and both buyers and sellers were disposed to await further developments in the war zones. Cable advices from South Africa reported higher prices for wattle bark for forward shipment. Offerings of divi-divi and mangrove bark continued light. Stocks of quebracho extract have been replenished and there is no dearth of supplies in consumers hands at present.

The action putting into effect the previously announced price increases for combed and carded cotton yarns to bring their ceilings into conformity with the new standard of the Stabilization Act of 1944 was issued by the Office of Price Administration. At the same time, OPA removed Class A print cloth and combed and carded cotton yarns from adjustable pricing.

This action increases the prices of base grade combed cotton yarns by approximately 10 to 15 percent and carded cotton yarns by 7½ percent. It also adds prices to the schedule for certain superfine counts of combed cotton yarns, premiums for their mercerizing, bleaching or gassing, and increases the prices for certain combed cotton yarns imported from England and sold to war procurement agencies.

Chemicals

Acid Formic.—Small transactions were recorded. Supplies have become more liberal. Quotations were steady.

Soda, Bichromate.—The tight supply situation continued to be noted. Consumption keeping pace with the output. Market firm at ceilings.

Soda, Hydrosulphite. — Improved supply of this material was in fair request. Prices were unchanged.

Dyestuffs

Annatto.—Consuming inquiry active, with business restricted owing to scarcity of stocks and the increased cost of replacements which has brought prices above some holders ceilings.

Logwood.—Moderate quantities were in fair demand. Stocks were closely held at current prices.

Sizing Materials

Albumen, Blood.—Steady demand noted for immediate requirements. Prices remain firm. Production has been increased by a leading maker by the installation of an additional dryer. Powdered blood albumen has been found to be a good substitute for egg albumen in plate making solutions for lithographers. Soluble dried blood was steady and unchanged.

Albumen, Egg. — Firm conditions featured this market. Supplies continued limited. Demand exceeded the supply. Price ceilings were advanced 2 cents per pound, according to the OPA schedule effective September 1. New prices for edible ranged from $1.91 to $1.99 and granular crystals at $1.86 to $1.94 per pound, depending upon quantity.

Dextrin, Corn.—An active demand continued unsatisfied. Production was sold well ahead with deliveries about two months late.

Egg, Yolk.—Prices were advanced 2 cents per pound, as per the OPA schedule, which became effective September 1. This boosted quotations for dried egg yolk to $1.11 and $1.17 per pound according to quantity. Stocks were in light supply. Demand continued excellent. Production was at low ebb and little improvement is expected in the output until next March, when operations for the new crop begin.

Market Trends

Prices Advanced

Albumen, egg, 2c. per lb.
Egg yolk, 2c. per lb.
Wattle Bark, $3 per ton.

Prices Reduced

None.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
267.9	266.3	266.2	271.9

During July 161,498,000 pounds of liquid eggs were produced compared with 127,568,000 pounds in July last year, the Bureau of Agricultural Economics reported. Of the total July production 106,323,000 pounds were dried, 52,764,000 pounds were frozen and 2,411,000 pounds were used for immediate consumption.

Egg drying operations during July continued at the high level of past months. The production of dried egg during July totaled 31,517,000 pounds compared with 20,618,000 pounds in July last year—an increase of 53 percent. Production from January, 1944, through July totaled 211,267,000 pounds compared with 159,302,000 pounds during the same period last year—an increase of 33 percent. The production of frozen eggs during July was also comparatively large. Production during July totaled 52,764,000 pounds compared with 50,735,000 pounds in July, 1943—an increase of 4 percent. Large quantities of shell eggs owned by the War Food Administration were broken and frozen during July. The production of frozen eggs during the first seven months of this year totaled 451,440,000 pounds compared with 389,575,000 pounds during the corresponding period last year—an increase of 16 percent.

Starch, Corn.—The tight supply situation continued in corn products. A steady movement against former orders for corn starch absorbed the production. New business also was in good volume with some improvement noted in deliveries.

The visible supply of corn in the United States declined 131,000 bushels for the week ended August 26, reducing stocks on hand to 10,798,000 bushels as compared with 7,696,000 bushels a year ago, according to the Chicago Board of Trade.

The War Food Administration announced August 29 that purchases of 12,000,000 pounds of corn starch, packed in 100-pound bags, were contemplated by the Commodity Credit Corporation during each calendar month until further notice in approximate proportions of 60 percent type A (powdered) and 40 percent type B (pearl).

Starch, Potato.—There has been no carry over of old crop and the prospects of the new crop are said to be fair. Car lots of new crop were quoted at 6.34 cents per pound, car lots, New York, and less than car lots at 7.09 cents per pound.

Tapioca Flour.—The situation in this market continued tight. Offerings for shipment from Brazil and San Domingo were scarce with inquiry active. An excellent demand for the small domestic supply was noted.

Tanning Materials

Divi-Divi.—While trading was inactive the market was strong, owing to the scarcity of supplies. Both buyers and sellers were marking time pending new developments in the war theatre. Prices were unchanged and firm.

Mangrove Bark.—Business was quiet. Offerings for shipment from primary centers continued scarce. Quotations were well held at current levels.

Myrobalans. — Business was slow. The market, however, retained its firm tone. Forward shipments from primary markets were limited and maintained at the recent advance.

Quebracho. — Consumption of extract going forward steadily using up replacements. Prices were firm here and abroad.

Wattle Bark.—Advices from South Africa reported an advance of $3 per long ton for shipment, bringing the asking prices for forward delivery from $52.75 to $57.75 per short ton, landed New York, depending upon quality. Trading was quiet.

For Current prices see alphabetical listing beginning on page 9.

Foreign Trade Guide Issued

"Guides for the New and Prospective Foreign Trade" has been released by the Department of Commerce. Copies may be obtained from the field offices or from the Bureau of Foreign and Domestic Commerce of the Department of Commerce, Washington, D. C.

Join the American Red Cross

Dow Names Fox Los Angeles Manager of Great Western Div.

Hubert C. Fox has been named office manager of the Los Angeles office of the Great Western Division of the Dow Chemical Company, Midland, Mich. He will also assist C. L. Pierce in sales activities in the Los Angeles area. Mr. Fox has been affiliated with the Dow organization for twenty-one years.

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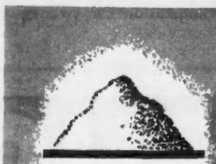
PHTHALIC ANHYDRIDE

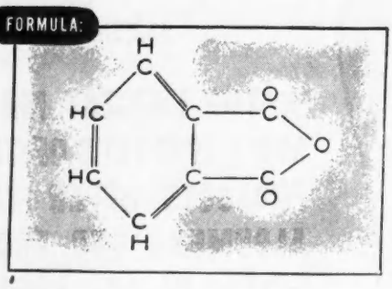


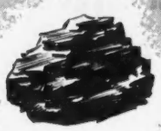
DEFINITION: Phthalic anhydride is the anhydride of phthalic acid (ortho dicarboxylic acid of benzene). It is a pure white chemical raw material in the form of small, free-flowing flakes.

HISTORY: Laurent and Marignac first obtained phthalic anhydride by warming phthalic acid with acetyl chloride.

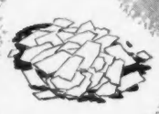
FORMULA:

$C_8H_4O_3$





SOURCES: Phthalic acid was formerly prepared by oxidizing naphthalene with concentrated sulfuric acid in the presence of a small amount of mercury or mercuric sulfate. The anhydride is now manufactured catalytically by passing heated air and naphthalene vapor over vanadium pentoxide.



CHARACTERISTICS: Phthalic anhydride forms, on sublimation, long, tough crystalline needles which are slightly soluble in cold water and quite readily soluble in hot water to form phthalic acid. Minimum solidification point 130.5°C; boiling point 284°C.

USES: A raw material for many ester-type plasticizers for lacquers and industrial finishes. Basic material for anthraquinone, dyes, phenolphthalein, etc. Used in making synthetic alkyd resin finishes.

GRADES: Pure white flakes shipped in wooden barrels — even net weight 275 lbs. and in multiwall paper bags — even net weight 80 lbs.

NOTE: Deliveries today are restricted by the primary requirements of phthalic anhydride for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
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The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.
ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Position of the overall market continued firm over the turn of the month. Consuming demand in many instances was beyond productive capacity and, while allocations covered the most essential wants, there was not enough material to cover the broad extent of inquiry. War production industries are taking care of a goodly part of output and this condition can be expected as long as the war lasts. No one seemed to know exactly what might happen if hostilities in the European theater were suddenly brought to a close but the possibilities have at least been given consideration. Meanwhile, the call for benzol has so overtaxed output that the market has been placed in a critical condition. The situation in naphthalene, toluol and xylol was not much better. The apparent strength in these basic materials had its reflection all through the intermediate, solvent and color markets. Under such influences, government requirements were given first priority and essential industrial wants have followed through with WPB apportioning shipments as equitably as possible.

Steel operations for the week beginning August 28, were scheduled at 97.1 percent of ingot capacity compared with 94½ percent for the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 96.9 percent. The current schedule is equivalent to the production of 1,739,300 net tons of ingots and castings against 1,692,800 tons for the preceding week and 1,732,500 tons for the corresponding week in 1943.

Basic Products

Benzol.—Supply situation has not improved. Demand held beyond the supply limit and the market remained definitely tight. While the major movement was routed to war production industries, sizable deliveries were made for the manufacture of phenol and intermediates.

Coaltar.—Steady shipments reported for essential requirements and also for use as a fuel oil where the latter was difficult to secure. WPB regulated the movement.

Creosote Oil.—Movement for wood processing remained fairly active but labor shortages have curtailed activities to some extent in this industry. Demand for disinfectants and deodorants held at seasonal dimensions.

Cresols.—Demand reported active for the different domestic varieties. Shipments of domestic orthocresol were made for use in the manufacture of plastics, coumarin and insecticides. Domestic metaparacresol was also taken for plastics and considerable was routed for miscellaneous requirements, considered essential. Imported metaparacresol was shipped to the textile and disinfectant industries and also to industries affiliated with the removal of carbon.

Cresylic Acid.—Makers of tricresyl phosphate called for sizable shipments of this material while the plastic, medicinal and preservative industries were well represented in the general movement. Shipments were under the guidance of WPB.

Naphthalene.—Call for use in the manufacture of phthalic anhydride continued active and a steady inquiry was noted from producers of dyes, other intermediates and chemical compounds. General demand was broad enough to tax output and the market held its former tight position.

Phenol.—Steady consumption of this material was reported. The current movement covered the plastic, chemical, medicinal and dye industries. The supply situation was capable of satisfying essential requirements.

Toluol.—Remained firm and tight under a heavy call for war production and essential civilian requirements. More demand than supply at present.

Xylol.—Makers of protective coatings were well represented in the movement of this material. Sizable quantities were also taken for use in dyes and intermediates and for blending. Supply situation remained tight under the rapid movement of production.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Chicago, Sept. 1.—Coaltar bases were quiet, with basic strength still predominating. Benzol was in good call, with little material coming out on the market currently. Inquiries remained fairly good. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; industrial xylol, same basis, 27c.; 10-degree xylol, same basis, 30c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane.—There seemed to be a somewhat stronger feeling developing and a gradual tightening in market conditions. Reports indicated a shrinkage in the amount of available material, while a broader demand was noted from the manufacturers of synthetic resins.

Cyclohexanol.—Supply situation showed evidence of tightening under a somewhat better demand. Stocks were not excessive and the market tightened easily under an increase in buying somewhat. The overall situation looked firmer at the close than it did a week ago.

Coaltar Acids

Benzoic.—Production limited by the availability of basic material. Efforts of producers have been successful in meeting essential requirements.

Broener's.—No apparent easement in buying conditions. Demand sufficiently active to keep available supply at a relatively low level.

Cleve's.—Production taxed to meet essential requirements. Limited available supply reflected in tight buying conditions.

Fumaric. — Reported tight, due to steady demand and restricted production. Material moving out as rapidly as made, preventing any visible accumulation.

H.—Between demand for war requirements and other essential wants, the supply situation remained definitely tight. There did not seem to be much chance of easement during the war duration.

Maleic.—Shipments for essential uses readily absorbed production, the movement for use in the manufacture of celophane being emphasized during the week. No relaxation from the former tight position.

Other Intermediates

Anilin.—Output remained behind demand for anilin oil. Inventories have been tapped to help out the supply situation, but the market continued in a definitely tight position. Manufacturers of dyestuffs and explosives were well represented in the week's movement. Most of the current production of anilin salt was routed to the fur dyeing and textile industries.

Betanaphthylamine. — Difficulty in securing basic materials has curbed production. Limited stocks have contributed strength to the market.

Dinitrobenzene.—Shipments for war production industries accounted for the major part of the week's movement. Producers operated under a difficult basic supply situation.

Dinitrophenol. — Conditions similar to other intermediates. The limitation of supplies was sufficient to hold the market in a tight position.

Diphenylamine.—Shortage in anilin output has cut production of diphenylamine. About all the end uses received a break from WPB, but the material had to be drawn from current inventories.

Metanitroanilin. — Tight conditions prevailing in basic materials were reflected in the market for the finished product. No improvement in buying situation is expected until there is easement in the basic markets.

Monochlorobenzene. — Shortage of

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Aug. 26, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	40,296,320
Benzol	gals.	3,953,120
Coaltar	gals.	15,429,920
Creosote oil	gals.	816,128
Naphthalene	lbs.	1,721,520
Phenol	lbs.	229,536
Toluol	gals.	790,624
Xylol	gals.	178,528

benzene has restricted output of this intermediate. Producers were only able to satisfy requirements considered most essential.

Nitrobenzene.—Production moved steadily into channels routed to war production industries. Difficulty in securing benzene has kept output down.

Paradichlorobenzene. — In similar position to other intermediates that use benzene as a base. Demand for essential wants has taken material as rapidly as produced.

Coaltar Colors

Output has continued along rather uncertain lines owing to current influences including manpower shortages, government restrictions and the availability of basic materials. The overall inquiry remained steady with instances of supplies being short of demand. Circumstances are of a character to instill a firm tone to the market without influencing any appreciable change in prices.

Explosives Institute Secretary Released from Army

Major C. Stewart Comeaux, for the past two years on active service in the Office of the Chief of Ordnance, has returned to civilian life and reassumed his duties as secretary-treasurer of the Institute of Makers of Explosives at the Sporting Arms & Ammunition Manufacturers' Institute, New York. His latest assignment was that of assistant deputy chief of the Field Service Branch, Ordnance Department, Army Service Forces.

Washington Talks It Over

—Continued from page 5

September "sign off" in 1943. Evaporated milk and whole milk powder production, however, must be stepped up. Most of the whole milk powder goes to our own fighting forces, and only a little to our allies. Russia asked for an essential minimum of 40,000,000 pounds but we have been able to promise only 6,000,000 pounds.

On Government Agencies

So-called conservative members of the house are laying plans for a new drive in the next Congress to change the administrative proceedure of agencies of government to give what they term, a better break to defendants and the public on what goes on behind the scenes when an agency is preparing a new rule or regulation.

The central theme is to have all rule making out in the open where anyone is privileged to take a crack at it. The sponsoring group in Congress tried to get such a law enacted about three years ago when there was so much noise about the rule making policies of such New Deal agencies as the SEC and the Labor Relations Board, but they were not strong enough for the task. Administration forces knocked the bill down everytime it came up.

The group is now looking to the next Congress which it believes will be much more conservative than any Congress in the past twelve years. Two bills have been introduced for study, the most recent being H. R. 5237 by Representative Howard Smith of Virginia, who long has been a thorn in the side of labor. His bill now only provides that all rule making shall be in the open but gives the courts the right in reviewing rules and decisions to dig into the factual evidence of the case, something they are only privileged to do to a limited extent now.

Eby Leaves Mines Bureau

An employee of the Bureau of Mines for almost twenty-seven successive years out of more than forty-two years in the Federal government service, Charles S. Eby, auditor, will retire from official life on August 31, was announced by R. R. Sayers, director of the bureau.

Northrup to Be Director Of Office of Materials

OPD Washington Bureau

The War Food Administrator, Judge Marvin Jones, has appointed Frederic B. Northrup as director of the Office of Materials and Facilities. Mr. Northrup succeeds J. W. Millard, who has resigned, effective September 1, to go into business for himself in New York city. Mr. Northrup has been serving as chief of the Office of Materials and Facilities Program branch.

Judge Jones stated that he regretted very much Mr. Millard's leaving, and congratulated him on the fine work he had accomplished as head of the OMF and on the good organization he has perfected.

Textile Technologists To Meet September 13

The American Association of Textile Technologists will be addressed at its September 13 meeting in the Building Trades Employers Exchange building, 2 Park avenue, New York, by William Leggett, associate technical editor of *Rayon Textile*. He will speak on "Random Notes on Ancient Fibers."

Methanol 'Trust' Civil

—Continued from page 3

ducer in the United States pooled his natural methanol resources and permitted sale of the product only through the Gray company.

The complaint alleges that prices to be charged were fixed by agreement between Gray and a committee of the institute and production quotas were assigned to each producer, and that while three of the producers were permitted to sell certain grades of natural methanol directly, these sales were made only at prices previously agreed upon.

Monsanto Has Textile Treating Processes

Monsanto Chemical Company has developed three new textile treating processes. The compounds credited with the ability to make sheer stockings run-resistant, remove the shine from serge suits and make fabrics longer-lived have been identified as the 'Sytons' by Monsanto. The company also announced that a revolutionary process to make woolens shrinkproof, wrinkle-resistant and more durable will be known as 'Reslooming.' A third process was described as imparting water-repellent qualities to cotton, rayon and wool. As with the Sytons and Reslooming, the company said, this process does not alter or impair the original and desirable qualities of the basic fibers.

Du Pont Promotes Four In Explosives Dep't

E. I. du Pont de Nemours & Co. has announced four promotions in the explosives department which follow the elevation of Edward B. Yancey from the general managership to a vice-presidency and membership on the executive committee.

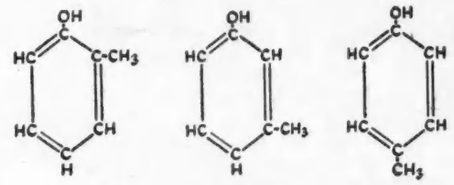
H. F. Brown, general superintendent of the department since April 1, 1943, becomes assistant general manager, succeeding W. H. Ward who took Mr. Yancey's place. P. J. Kimball, manager of the explosives division for almost four years, becomes general superintendent. F. R. Wilson moves up from director of production of high explosives to manager of the explosives division. J. H. Wellford, who was general assistant to management in the explosives department, will be associated with Mr. Yancey.

N.P.V.L.A. Scientific Section Issues 3 Circulars

The scientific section of the National Paint, Varnish and Lacquer Association has issued circular 688 covering sodium carboxymethylcellulose; circular 686, covering polystyrene resins, and circular 687, which covers pentaerythritol, trimethylolpropane and related glycerol replacements.

Salvage Your Waste Paper

KOPPERS



ortho-CRESOL meta-CRESOL para-CRESOL

Natural **Cresols**

Koppers' entire production of cresols is derived from tar acids present in coal tar from by-product coke ovens. Among grades of tar acids produced, Koppers classifies all those of not less than 99% purity, distilling 50% off below 204°C. in which phenol does not predominate, as cresol.

Pure ortho cresol, melting point 30.4°C., 95% meta cresol, U.S.P. cresol, meta para cresol, and many specified blends of the three cresols with some phenol and xylenol content are available.

Composition of commercial grades can be varied as desired except with respect to the naturally occurring percentage of meta cresol to para cresol.

Samples gladly furnished upon request.

Shipments subject to Allocation Order M-27.

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Protective Coatings Materials

With their ardor for building up civilian business as much as possible during the concluding phases of the European war undiminished by the hindrances of insufficient manpower, shipping receptables and drying oils, American processors of the principal protective coatings materials and manufacturers of ready-for-applications paints, varnishes and lacquers continue scouring the potential market for all manner of outlets outside military requirements, which are still being provided for in war orders calling for absorption of two-thirds to three-quarters of their stocks and current production but which are expected to be reduced drastically—probably as much as 40 percent—immediately upon the cessation of hostilities in that theatre of war.

And they are making further progress on that score by unearthing latent marketing potenialities in recently completed private residences and other buildings and contemplated new constructions as well as in a notable extension of maintenance painting operations, requiring many millions of dollars' worth of finished products and their ingredients, which are already being converted into forward delivery contracts, when not into actual orders booked for these materials.

In the matter of making deliveries on civilian orders in lead pigments, however, manufacturers are somewhat perturbed by having to defer such deliveries in numerous instances by four to five weeks after the placing of these orders, because of the shortages in manpower, linseed oil and especially of steel drums, tin cans and other containers, which show no signs of immediate improvement, with the result that some of the producers of these pigments are seriously considering the advisability of declining to book additional business in these lines. Some other manufacturers are also greatly handicapped by lack of chrome colors, especially zinc cromate yellow and other toners, required in huge quantities by the Navy, and by an insufficient supply of solvents, still pressingly demanded by the military establishment.

Metallic Lead and Zinc

Lead oxidizers and manufacturers of all types of lead pigments are still able to fill their needs in pig lead without restriction or hindrance of any kind, as WPB is willing to permit a free use of metallic lead in all essential industries, inasmuch as domestic production and importations of metallic lead are continuing to run in sufficient volume to meet the needs of the military establishment, with plenty to spare for civilian uses without drawing upon the stockpile of the Defense Supplies Corporation. Prices for pig lead have remained unchanged for the week August 25-September 1 at 6.35c. per pound in St. Louis and 6.50c. in New York.

The heavy drain upon supplies of zinc slabs by war agencies is still keeping them down to levels below the combined needs of the military and private industry consumers. Hence, despite a plethora of zinc ore and concentrates, distribution of the slabs to civilian users still has to be regulated by priority ratings. Quotations for zinc slabs have continued unaltered for the week ended August 25-September 1 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Blue Lead.—Difficulties encountered in obtaining adequate manpower, containers and linseed oil are seriously hampering deliveries of this pigment on civilian orders but military business continues brisk with no hindrances on the score of making deliveries.

Litharge.—Still moving steadily into consuming channels on both military and civilian accounts.

Lithopone.—Supply situation still very tight. Market only slightly eased of late by amendment to WPB order M-353, authorizing some allotments of all zinc sulphide pigments to the trade after AA-1 and AA-2 ratings have been satisfied in their entirety.

White Lead. — Conditions exactly similar to those prevailing in the other lead pigments also characterize the market for this one.

Market Trends

Prices Advanced

Rosin, gums, D, E, N, WG, W.W., and X, 1c. to 5c. per 100 lbs.

Prices Reduced

Alphapinene, ¼c. per gal.
Rosin gums, G, H, I, K and M, 2c. to 5c. per 100 lbs.
Turpentine, gum, ¼c. per gal.

Comparative Price Indexes

(100=August 1. 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Fillers and Extenders

Asbestos.—A steady movement of Canadian and domestic materials continues to be reported, with prices firmly maintained throughout the list.

Barytes.—Though the current supply of dryground barytes continues wholly inadequate for meeting current requirements, with production in Tennessee and Georgia still greatly curtailed, there is a sufficient supply of wetground material produced in Missouri. Recent authorization of a markup in price for crude barite has not yet been followed by similar authority for a commensurate advance in prices of airfloated barytes and blanc fixe.

Dry and Chemical Colors

Bone Black.—Buying interest continues fairly active. Prices well maintained.

Carbon Blacks.—Synthetic rubber tire manufacturers continue by far the largest consumers of both easy processing and medium processing channel blacks, as well as of furnace blacks, but the paint trade is also buying steadily of various grades of channel blacks not included in the so-called rubber grades. As previously mentioned, inventories of channel blacks continue to be lowered, despite the action of WPB in freezing shipments of compressed blacks in any one month to the output level of that month. Final figures on operations in channel blacks in July shows production of 34,469,000 pounds, shipments of 44,070,000 pounds and inventories amounting to 109,031,000 pounds at the end of that month.

Chrome Colors.—Despite a slight recession in the production of sodium bichromate during the Summer season, supplies of zinc chromate yellow and of both green and yellow chrome, required by the Navy and Army, have proved sufficient for these purposes, although civilian orders have been held down to meager proportions with deliveries thereof greatly delayed.

Driers and Flatteners

Naphthenates. — With naphthenic acid denied for virtually all non-essential uses, paint and varnish makers have generally continued bereft of allocations of the naphthenates by the Chemicals Bureau of the War Production Board, unless engaged in war production work, and hence have been compelled to have further recourse to tallates in procuring necessary driers.

Tallates.—Inasmuch as tallates have been found to serve as generally satisfactory driers for the paint trade, a steadily increasing call for these agents has continued to be noted. On the other hand, soyates have remained in only limited inquiry.

Stearates.—Demand for these flatteners continues unabated and some manufacturers are experiencing difficulty in making prompt deliveries, as their plant capacity is still booked well ahead. Prices continue well maintained throughout the list.

Lacquer Materials

Acetone.—The market for this material has tightened still further of late, as the drain from military procurement agencies has increased enormously, so that there is virtually

For Current prices see alphabetical listing beginning on page 9.

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RAYSIL—Titanium Silicate Pigment
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none available for civilian use. Hope for some easing of this situation has recently evanesced, due to the diversion to war production purposes of isopropyl alcohol, designed for employment in this connection, which has eliminated this expected relief.

Methyl Acetate.—With the recent release of a fair quantity of this material, no longer needed for meeting the demand for the U.S.P. grade, paint and varnish makers are now enabled to obtain this commodity in moderate quantities, and are turning to it, to replace the scanty and wellnigh unobtainable stocks of ethyl acetate and ethyl alcohol, inasmuch as it is a highly satisfactory solvent, although somewhat quicker in action than these other solvents.

Naval Stores

With the War Food Administration holding back for additional consideration the long-awaited Office of Price Administration's permanent ceilings order on gum rosin until long after the expiration of the latter bureau's sixty-day order on maximum prices for this commodity, the element of uncertainty as to the trade's reaction to that order, when issued, which prevailed in the week leading up to the expiration of the temporary ceilings order on August 27, continued to dominate trading in the Savannah Cotton and Naval Stores Exchange within the past week, exerting a restraining influence on the volume of trading and tending to weaken further that primary market. In the interval after the expiration of the temporary maximum price order, it was recognized that there were no ceilings on gum rosin, as this commodity is an exempt product, to which even GMPR does not apply.

As it has been generally believed that the permanent ceiling order on gum rosin will show rollbacks in virtually all of the grades, sellers have generally felt impelled to market most of their offerings on a declining market, although a few have shown a tendency to withhold their supplies on the ground that the comparatively heavy overall demand, in conjunction with the relatively short supply, will carry market prices up to the new price ceiling levels, once the latter are announced.

Turpentine has held strong throughout the past week, around 78½ cents per pound, representing the Commodity Credit Corporation parity as the stocks of that government bureau have been further reduced by lend-lease shipments while the call has continued brisk and fairly extensive. Furthermore, distributors elsewhere have not been well supplied with this commodity and the demand in many instances has kept well up with shipments from the South.

Turpentine.—Among the most important developments in this commodity of late has been the earmarking of 20,000 barrels of CCC stocks for lend-lease shipment, which will lower the stockpile from 200,000 to 180,000 barrels, with a strong probability that there will be a further diminution of this stockpile as new lend-lease shipments are made, before the 1945 crop begins to move. At the end of last month it was estimated that nearly sixty percent of the 1944 crop had been produced and marketed in consuming channels, together with some supplies brought over from the two previous seasons.

Savannah, Sept. 1.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.*	Sales.	Receipts.	Shipments.	On hand.
Monday ..	78½	2,250	44	41	28,589
Tuesday ..	78½	7,100	139	...	28,728
Wednesday.	78½	4,000	98	1	28,825
Thursday..	78½	1,500	215	...	29,040
Friday ...	78¼	1,000	29	...	29,069

* Gallons.

Chicago, Sept. 1.—Turpentine is holding firm at close to the highest price levels yet reached. Buying is active, and the undertone steady and firm. Ruling prices are:—Five-drum lots, 92c. per gallon; five wood barrels, 97c.; single drums, 95c.; single barrels, $1.

Rosin. — A further recessionary movement has taken place in virtually all grades of gum rosin on the Savannah exchange as sellers have decided to accept the steadily lowered bids of buyers who are generally of the opinion that, although OPA's new price ceilings, when issued, will show no fixed relationship to the previously existing, temporary maximums, they are certain to exhibit material rollbacks in each grade. In view of the delay in getting out the permanent ceilings order, it has seemed probable that OPA may forego the five-day notice rule in establishing these permanent maximum levels and may make these maximum prices effective immediately upon announcement.

Chicago, Sept. 1.—Rosin market values have been see-sawing considerably, but with the trend generally downward and with traders frequently making time. Ruling prices in five-drum lots are:—B grade, $6.36 per 100 pounds net; G grade, $7.06; M grade, $7.07; W.W. grade, $7.75.

Savannah, Sept. 1.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.61	$4.61	$4.61	$4.61	$4.61
D	4.77	4.77	4.77	4.78	4.78
E	5.23	5.21	5.21	5.23	5.25
F	5.28	5.28	5.28	5.29	5.31
G	5.33	5.31	5.31	5.32	5.31
H	5.33	5.31	5.31	5.32	5.31
I	5.33	5.32	5.32	5.32	5.31
K	5.33	5.32	5.32	5.33	5.33
M	5.33	5.32	5.32	5.33	5.34
N	5.67	5.67	5.67	5.68	5.69
WG	5.95	5.95	5.95	5.96	5.98
WW	6.02	6.00	6.00	6.02	6.03
X	6.02	6.00	6.00	6.02	6.03
	Drums				
Sales	235	285	...	198	202
Receipts ..	167	329	330	177	53
Shipments..	...	...	...	80	...
Stocks	16,933	17,182	17,512	17,609	17,662

Synthetic Resins

Ester Gum.—Although the raw materials required in the making of this gum are still virtually free from allocation control, supplies of the gum available for civilian uses are being held down by the heavy current requirements of navy specification 52G5A, carrying high ratings and a shortage of esterified rosin, resulting from the tight position of gum rosin and the diversion of most manufacturing facilities to the production of the allocated synthetic resins.

Styrene. — Removal of allocation controls from civilian production of this material, together with butadiene, has been announced by WPB through an amendment to schedule 18 of its order M-300. Lifting of control on butadiene was accomplished by revocation of order M-178.

Varnish Gums

Asphaltum.—Still in keen demand with the supply situation rather tight for many types.

Copal.—Under the steady draining of locally-held stocks by varnish makers and manufacturers of resin emulsion paints, supplies of Congo copal are being further reduced without any immediate prospect of replenishment from the source. Although allocations and import licenses have recently been granted to American importers covering the 3,000 tons of this natural resin, authorized for the second half of this year by the Combined Raw Materials Board, it is now deemed unlikely that any of this allotment will be shipped from the source in time to reach the U.S.A. much, if any, before October or November.

Shellac.—The outlook for a more sizable outturn of bleached shellacs in liquid form has been further brightened within the past week by reports on the plans of several bleacheries for reopening their plants toward the close of this month and in October, now that bleaching grades are becoming more readily available from the most recent importations of shellac under the government procurement and agencies, and the addition of these grades to the Defense Supplies Corporation's stockpile, to which the trade has access in fairly satisfactory measure.

In amplifying the output of liquid bleached shellacs, however, much depends upon whether or not the allotment of commercial alcohol proves sufficient for the trade's needs.

Exports of lac from India for the first four months—January 1 through April 30—of this year, contrasted with those for the corresponding four months' periods

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This phosphorescent flashlight case is injection-molded cellulose acetate pigmented with a long afterglow phosphorescent pigment. Exposed for as little as 5 minutes to daylight or strong artificial light, this case will continue to glow in the dark with a lavender color that is visible to the dark-adapted eye for a period of 8 to 10 hours. Its daylight color is a creamy white. The lens cap shown here is a transparent, non-phosphorescent red.

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Electric switch plates, fixtures and equipment
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Fish lures
Games
Jewelry
"Juke" boxes
Light diffusers
Marking tapes
Product packages and labels
Slipper tips
Tools

Fluorescent:
(Excited by "black" light exposure)

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Drapery
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Theatrical effects

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of 1943 and 1942, are appended in tabular form:—

	Chests		
	1944	1943.	1942.
Orange	74,532	25,189	101,947
Garnet	1,570	1,268	1,619
Button	4,063	434	3,800
Seed	12,607	2,787	51,299
Totals	92,772	29,678	158,665

Glues and Binders

Casein.—The market for both domestic and imported casein has fallen into the doldrums within the past week. Import licenses have been issued for approximately 6,300 tons for the September-December period and, under the new allocation program, designed to stimulate domestic output of rennet casein, it is presumed that the American producers will obtain licenses for approximately half this total.

Glues.—Producers of both hide and acidulated bone glues continue badly handicapped by lack of adequate manpower, although they are generally far better supplied with gluestock of various kinds, chiefly of foreign origin but also, in increasing measure, with domestic hide and bone materials. Consumers are fairly content with existing allocations of the finished goods but are looking forward eagerly to an expected easing of WPB's allocation control in the fourth quarter of this year.

N.Y. Paint Club Names Committee Chairmen

New York Paint, Varnish and Lacquer Association has appointed the following chairmen for its various committees:—

Executive, Renshaw Smith, jr., of Devoe & Raynolds Company.

Trade sales, Leo Silverstein, of Benjamin Moore & Co.

Specialized production finishes sales, Edward H. Bucy, of the Zapon division, Atlas Powder Company.

Program, M. Johnson, of the Nuodex Products Company.

Acquaintance committee of program committee, E. J. Rotheim, of the Monroe Sander Corporation.

Production, Roy B. Anderson, of the Brooklyn Varnish Manufacturing Company.

Membership, Harold L. Davis, of the D. H. Litter Company.

Civic affairs, Michael J. Merkin, of the M. J. Merkin Paint Company.

Constitution and by-laws, H. M. Howard, of the Thibaut & Walker Company.

Raw materials and allied industries, A. J. Wittenberg, of the Brown Linseed Company.

Credits and collections, W. L. Lang, of Devoe & Raynolds Company.

Public relations, Burr Price, of the National Painters Magazine.

Traffic, J. J. A. Winzenried, of Devoe & Raynolds Company.

Water paint manufacturers, Walter M. Clark, of the Muralo Company.

Priorities executives and purchasing agents, F. A. Walters, of the Socony Paint Products.

Industrial maintenance sales, L. D. Eldot, of L. Sonneborn Sons, Inc.

Committee on postwar planning, general chairman, pro tem., A .E. Horn, of the A. C. Horn Company.

Witco Bulletin Describes Semireinforcing Furnace Black

A semirenforcing furnace back, known by the trade-name, "Continex SRF," is the subject of the first bulletin in a new series on technical topics, published by the Witco Chemical Company's research laboratories, 6200 West Fifty-first street, Chicago 38. The treatment of the subject comprises fundamental properties, loadings in rubber, with comparisons of various blacks, and similar data with reference to GR-S. The text is supplemented with a number of graphs big enough to be easily examined.

Socony Paint Gets Gold Star

Socony Paint Products Division of Socony-Vacuum Oil Company, Long Island City, has been awarded a third gold star to be added to its "M"

Potter Quits Eagle-Picher

George W. Potter has resigned as executive vice-president and general manager of the Eagle-Picher Mining & Smelting Company, Joplin, Mo.

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Turpentine, Rosin Output: Second Quarter

Production of gum and wood turpentine in the United States in the period April 1, 1944, to June 30, 1944, amounted to 129,062 barrels of 50 gallons each, compared with 143,917 barrels in the same period last year, according to Naval Stores Research Division of the Department of Agriculture. Production of gum and wood rosin totaled 341,799 drums of 520 pounds, against 412,650 drums in the corresponding period of last year.

This report lists rosin stocks as being carried in drums of 520 pounds net weight compared to the old way of reporting the stocks in barrels of 500 pounds gross weight which was equivalent to approximately 420 pounds net weight. The new unit contains about 100 pounds more rosin than the old unit.

Supply and Distribution

	Turpentine Apr.-June Barrels of 50 gals.	Rosin Apr.-June Drums of 520 pounds net
Carryover, April 1	295,581	794,786
Production	129,062	341,799
Available supply	424,643	1,136,585
Less carryover June 30	289,087	711,777
Apparent total consumption	135,556	424,808

Production

	Turpentine	Rosin
Gum	74,910	200,706
Wood	54,152	141,093

Carryover Stocks

	Turpentine	Rosin
Carryover April 1	295,581	794,786
Carryover June 30	289,087	711,777

Location of Carryover Stocks

	Turpentine	Rosin
Gum stills	28,019	79,473
So. concen. points	207,187	201,955
Wood plants	11,005	60,397
Distribution points	24,169	15,331
Industrial plants	18,707	354,621
Total in U. S.	289,087	711,777

Consumption by Industries

	Turpentine Bbls. of 50 gals.	Rosin Drums of 520 pounds net
Abbatoirs	.....	202
Adhesives and plastics	162	7,020
Asphaltic products	.....	564
Automobiles and wagons	57	65
Chemicals and pharmaceuticals	32,067	62,323
Estergum and synthetic resins	5,200	51,606
Foundries and foundry supplies	162	4,861
Furniture	40	2
Insecticide and disinfectants	66	2,086
Linoleum and floor covering	13	5,043
Matches	.....	359
Oils and greases	36	12,519
Paint, varnish and lacquer	5,911	33,100
Paper and paper size	.....	95,043
Printing ink	92	4,880
Railroads and shipyards	2,482	5,015
Rubber	17	3,994
Shoe polish and shoe materials	3,782	1,732
Soap	.....	94,888
Other industries	74	1,179
Total industrial reported	50,161	386,481

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Oils, Fats, and Waxes

While trading in oils and fats was spasmodic during the week, the market continued strong. Consumption was maintained at a steady level. The price situation was firm with the exception of red oil which developed an easier tone under accumulated supplies.

The War Food Administration has amended WFO No. 29 continuing through December 31, the suspension of restrictions on delivery of crude cottonseed, peanut, soybean, and corn oils to refiners for refining purposes. Authorizations for delivery of these oils to all users, except refiners, will continue to be obtained from the Office of Distribution. Allocations will be made in September for October, November and December use and deliveries.

War Food Order 110 (Soy beans), effective August 25, specifies the conditions under which 1944-crop soy beans may be bought and used by processors, manufacturers, seed dealers, country shippers and others.

The order is an extension of WFO 27, applicable to the 1943 crop. Its provisions are similar to those contained in WFO 27, but it omits the restriction that no processor shall buy, receive or use soy beans except under contract with the Commodity Credit Corporation. Contracts providing for the purchase of soy beans at support prices have been offered to processors. For further details see page 5.

Vegetable Oils

Babassu.—Receipts of 795 drums of oil were reported for delivery against contracts.

Potential annual productive capacity in the State of Maranhao alone is reported to be 195,000,000 tons of babassu kernels, and that of Brazil as a whole 300,000,000 tons. Actual production at the present time, however, does not exceed 20,000 ons of kernels per year.

Oiticica.—Trading was slow. Market was steady and unchanged. Supply of oil on the spot, while not liberal, was adequate to meet current demand. Nearby and forward deliveries were said to be uncertain owing to the scarcity of drums. Receipts totaled 2,340 drums.

Olive.—Cable advices to the trade last week stated that prices and terms for the shipment of edible oil from Spain have not been established as yet by the Spanish government. This condition was puzzling to the trade in view of the recent announcement by WFA that arrangements had been made with the Spanish government for the exportation of 3,000 tons of edible oil.

Demand for domestic oil was active with stocks limited and inadequate to cover demand.

Soybean.—Refiners purchased close to 500 tanks of crude oil at ceiling for October delivery.

Tung.—Some 508 gallons of tung oil was offered for sale by the WPB Redistribution Division, Empire State Building, New York City.

Atlanta, Aug. 30.—Harvesting the peanut crop in the South is causing much concern. Unlike cotton, the peanut crop must be harvested in a short time to avoid sprouting and deterioration of the nuts. Efforts to obtain prisoners for harvesting the crop have been successful. Harvesting cotton is under way in the lower cotton belt, where the labor shortage is causing slow progress. Gins are operating, but the seed output to date has been small.

Flaxseed

Trading in new-crop seed routine, while a good demand from crushers continued for spot delivery.

Minneapolis, Aug. 30.—There was little free flax in the market, only an occasional car rolling in in an unsold condition. The open market offerings were snapped up by the flax-hungry crushing firms.

Marring the general effect was rain in the Red River Valley district that delayed threshing and threatened quality of the flax remaining in the fields. Buying was still on pan-samples and ceiling prices prevailed on all purchases.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	1,098,000	1,644,000	144,000	284,500
Since Sep. 1.	24,257,500	21,951,000	3,703,000	2,854,500

Market Trends

Prices Advanced

None

Prices Reduced

Red oil, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.4	192.7	192.7	195.4

The week's closing flaxseed price range per bushel was as follows:—

	Cash	Sept.
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

Buenos Aires, Sept. 1.—No flaxseed shipments were made from the Argentine during the week. Visible supply was estimated at 4,921,000 bushels. Flaxseed for export was quoted at $2.62½ per bushel, U. S. funds; Rosario, $1.81⅛ per bushel.

Hull, Sept. 1.—Bombay, September, £33½, nominal; Calcutta (no quotations); La Plata, September, £28 per ton, nominal.

Linseed Meal

Excellent demand absorbing meal for prompt and nearby delivery. Inquiry for forward positions improved.

Minneapolis, Aug. 30.—Crushers, despite high production levels, found no difficulty in disposing of meal supplies.

Most mills sold ahead for September and have scattered commitments during October, November and December.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	10,740,000	10,740,000
Since Sept. 1	566,574,700	525,700,000

Linseed Oil

Demand for linseed oil lacked snap during the week. Sales were restricted to occasional car lots for prompt delivery. Small lots were in moderate call, while withdrawals on contracts slackened. Prices were firm. Raw oil was held at 14.7c. per pound, in tank-cars and tankwagons, for delivery during the balance of the year.

Reports from the Northwest stated that arrivals of new-crop flaxseed during the past three weeks was of good quality and high iodine value.

Arrivals of Canadian flaxseed at New York during the week totaled 189,100 bushels.

Stocks of linseed oil in the United States on March 31 totaled 45,386,286 gallons, according to the Flax Institute. Production was placed at 32,139,733 gallons during the second quarter (April-June) and consumption at 32,739,066 gallons for the same period. Stocks on hand on June 30 were indicated at 44,786,933 gallons.

Minneapolis, Aug. 30.—Demand for oil continued dull. New-crop arrivals indicated a good quality and high iodine number, and while this was pleasing to the paint trade, there was no effort made to make purchases.

Looming large in oil buyers' eyes is the possibility of an early peace in Europe and a growing fear that large stocks of oil will be on hand when the peace is made.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	11,000,000	6,720,000
Since Sept. 1	374,048,000	168,490,000

Cottonseed Oil

Interest in futures was slightly better and trading, while still limited, was transacted at moderate advances in the March and July positions. Sellers of futures were anticipating the early ending of the European war, while buyers assumed that government control would remain in effect indefinitely.

Advices from the South reported trading slow in crude cottonseed oil in view of the limited movement of seed, and were inclined to await the delivery of larger quantities of seed before offering new-crop oil. Inquiry for new-crop oil, cake and meal active. Heavy showers in the Southeast have delayed the delivery of seed to mills from ten days to two weeks.

Bleachable oil prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
September	....	....	14.31 nom.
October	....	....	14.00 nom.
December	....	....	13.75 nom.
March	13.60	13.60	13.45-13.64
May	....	....	13.40-13.60
July	13.65	13.55	13.30-13.50

Total sales, 10.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12⅝.; Texas, 12c. (all ceiling prices).

For Current prices see alphabetical listing beginning on page 9.

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Memphis, Aug. 31.—Trading in crude cottonseed oil was light. Movement of seed delayed by heavy showers in this section. Mills not offering, preferring to await increased seed receipts. Inquiry for new-crop oil, cake and meal active. Old crop cake and meal about exhausted.

Cake and Meal

Withdrawals of linseed meal against contracts continued active in the Northwest. Inquiry for new-crop meal has improved though demand was restricted. Interest in new-crop cottonseed cake and meal was excellent, with mills not offering freely as yet.

Fatty Acids

Prices of red oil were weaker and declined ½c. per pound. Distilled oil was reduced to 11½c. per pound in tankcars, and drums to 12¼c. to 13¼c. per pound, delivered, according to quantity. Double distilled was lower at 14¾c. to 15¾c. per pound in drums, depending upon quantity. Stearic acid was in good demand and steady at former levels.

Chicago, Aug. 31.—Buyers are inquiring for fair-sized amounts of fatty acids. Prices unchanged at ceilings.

Fats and Greases

Grease.—Low grades were still available in the West at prices slightly below ceiling. The better grades, however, continued firm, with business passing at ceilings. Offerings were not liberal.

Tallow.—Consuming inquiry continued active, but trading was limited owing to scarcity of offerings. Production was sold well ahead. Quotations were firm at ceilings.

Chicago, Aug. 31.—Tallows and greases are moving well on spot. Prices are holding firm and the general tone is one of strength at ceilings. A white grease, 8¾c. per pound; stearin, 10.61c.; inedible tallow, 8⅝c.

Fish Oils

Menhaden.—Buyers were taking small lots of refined oil for actual needs, and showing little interest in nearby delivery. Crude oil was inactive with production below previour season levels to date.

Sperm.—Advices from New Orleans stated that sales of sizable quantities of government-owned oil were made recently.

Los Angeles, Aug. 30.—California Sardine Products Institute reports 29,386 tons of sardines delivered to processing plants for the week ending August 19 from San Francisco and Monterey Bay regions. Pilchard landings at British Columbia from January through August 19 of this year amount to 4,840 tons with 116,764 imperial gallons of oil for the same period. San Francisco reports sales of crude sardine oil at the ceiling of 66.75c. per gallon.

Baltimore, Aug. 30.—The menhaden fishing in the Chesapeake Bay and outside of the Virginia capes continues poor. The season so far has proved to be one of the least encouraging in years. Unfavorable weather conditions, with adverse winds, have served to interfere with operations, while the whereabouts of the schools of fish has proved something of a puzzle. In addition, the fish have been relatively small, and have yielded little oil. Some demand for crude is coming from the refiners. The ceiling for crude is unchanged at 8.9c. per pound, with cold light pressed at 12.25c. in tanks and 12.66c. per pound in returnable drums, and alkali at 12.6c. per pound in tanks and 13c. per pound in returnable drums.

Waxes

Activity in the wax market was moderate during the week. Demand for carnauba wax increased with sales passing at ceilings for December-January shipment. Receipts of 3,272 bags were reported, the bulk of which were delivered on prior contracts.

Trading in ouricury was fairly active, with sales noted for nearby and forward shipment at ceilings. Receipts totaling 444 bags were reported.

Beeswax continued scarce on the spot, with prices strong. Receipts were reported amounting to 212 bags for delivery on former orders.

Candelilla was inactive, with demand limited to small lots.

Frank Fehr & Co., specialist in oilseed and oil since 1857, London and Liverpool, has issued its review of the markets for 1943. It is a compilation of informative data comprising seventy-eight pages.

Soybeans Marketing

—Continued from page 5

period ending October 10, 1945. This provision is for the purpose of assuring maximum production of soybean oil and oil meal during the 1944-45 soybean marketing season.

The order also contains provisions designed to prevent the withholding of soybeans for speculative purposes by country shippers and others. It prohibits any country shipper from having on hand at any time after March 31, 1945, more 1944-crop soybeans than he has contracted to sell to processors, manufacturers, seed dealers, or to the CCC, plus the quantity of 1944-crop soybeans bought by him during the immediately preceding 30 days, or 2,000 bushels of such soybeans, whichever is the greater.

The order prohibits any person other than a processor, manufacturer, seed dealer or country shipper from acquiring soybeans in excess of the quantity (1) required to fill orders from processors, manufacturers, and seed dealers on hand at the time of such purchase, (2) required to be delivered under contracts with CCC, (3) necessary to meet his planting requirements, or (4) to be sold or used for human consumption.

The order prohibits any person from buying or accepting delivery of soybeans in whole or ground form for use as, or manufacture into, feed or fertilizer. An exception is that damaged soybeans acquired by insurance companies or underwriters' salvage companies may be sold for feed or fertilizer if the soybeans are unsuitable for processing, manufacturing or planting.

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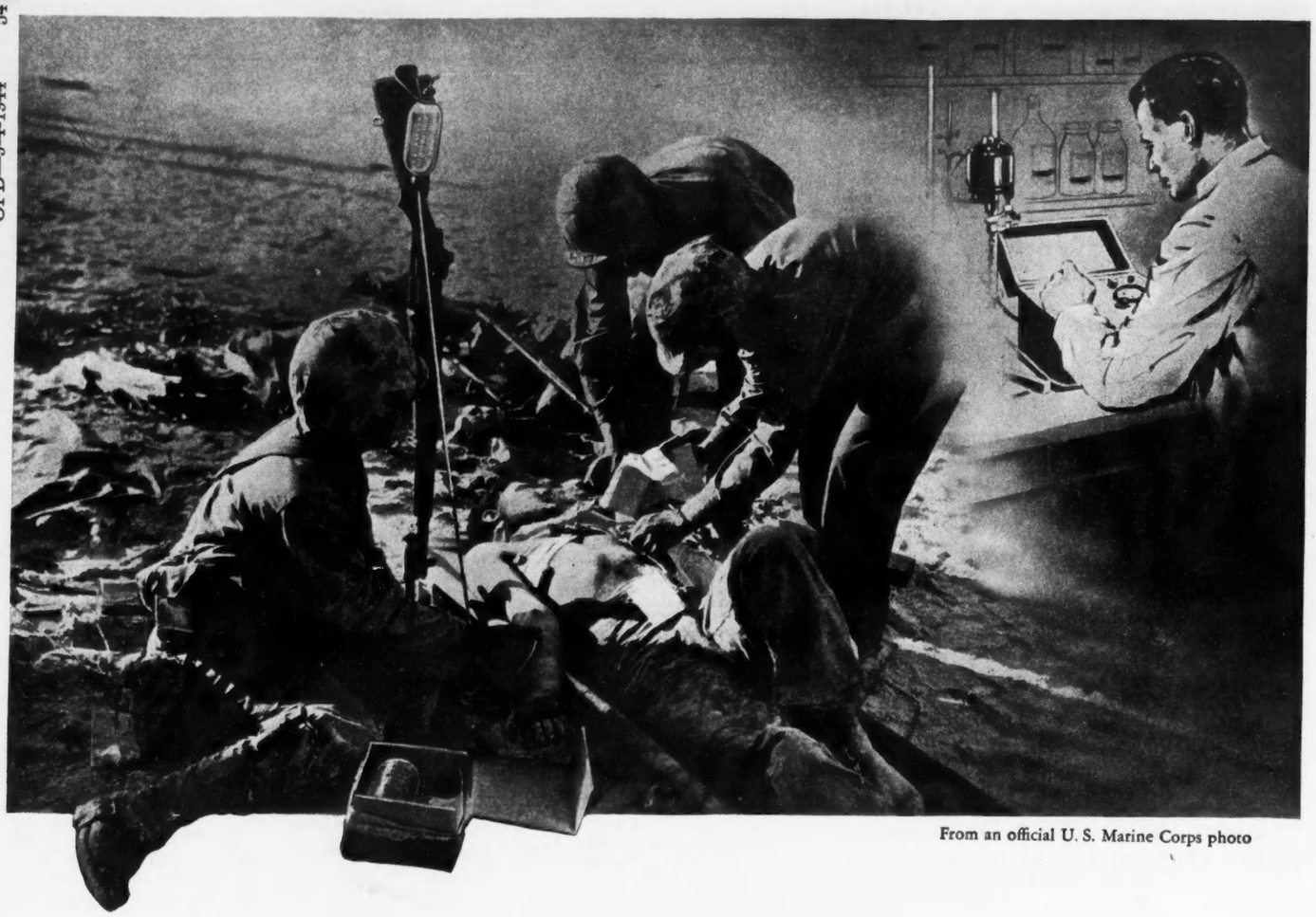
N.Y. Oil Trades Golfers Led by C.A. Breen

C. A. Breen, president of the Sylvestre Oil Company, Mount Vernon, N. Y., captured top honors at the golf tournament of the Oil Trades Association of New York at the Pelham Country Club, Pelham, N. Y., August 29.

Among other winners were:—J. McFadden, of the General American Transportation Corporation; Harvey W. Lewis; W. C. Hardesty, of W. C. Hardesty Company; B. H. Morris, of the Valcoline Oil Company; J. F. Renick, of Renick & Mahoney; W. B. Tucker, of the Van Iderstine Company; L. B. Jenness, of the Woburn Company; Steve Mandell, of the Atlantic Refining Company; D. E. Hoffman, of the Tidewater Associated Oil Company; Jack Stacey, of the Canfield Oil Company; E. C. Bigelow, of the Sun Oil Company; G. A. Holton, of the Sylvestre Oil Company; Al Kaufman, of the Harbor Storage Tank Company, and C. H. Coryat, of Stein, Hall & Co.

Gits Molding Gets Patent On Plastic Design Process

After years of litigation, the Gits Molding Corporation, Chicago, has been granted patent coverage on a process of three dimensional art in plastics, which process was originally invented and developed by J. P. Gits and J. A. Gits, owners of the Gits Molding Corporation. This process provides for creating three dimension design and multiple coloring, imbedded in the back of transparent molded pieces, various parts of the design being colored in any number of colors, and then the entire design being sealed in. This patented process of three dimensional effect is named 'Crystal Seal' by the Gits Molding Corporation, and is covered by patent No. 2,354,857 with fifteen claims.



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Drugs and Fine Chemicals

Except that glycerin declined and technical and refined furfuryl are selling at slightly higher prices, the past week in the market for drugs and fine chemicals was not productive of new developments in quotations. It was a week during which the market adjusted itself to the lower prices established on formaldehyde, paraformaldehyde, and hexamethylenetatramine late in the previous period, and during which demand in general continued to show signs of moderation of buyers' requirements.

The wood chemical industry received further attention from the Department of Justice when a civil suit against producers and individuals connected with the production of methanol was filed. It was an antitrust suit that charged law violations to an industry that produces 4,000,000 gallons of methanol per year, or about 5 percent of total yearly production at 80,000,000 gallons.

Governmental agencies figured little in this market last week. The War Food Administration accede to the milk sugar industry advisory committee's request for a suspension of allocation controls. Control was ordered suspended as of September 1, to continue so long as the present balance between supply and requirements is maintained. The War Production Board told of "surplus" stocks of lithium, reporting 277,000 pounds in producers' hands, and 149,000 pounds in consumers'. However, allocation controls will be continued, though probably in liberalized form.

Antifreeze products for motors will come mainly from ethyl and isopropyl alcohol this coming Winter, the need for ammonia having reduced production of synthetic methanol and hence curtailed the amount of methanol that may be used as antifreeze. Quicksilver remained substantially firm here and at the mines and on the Pacific coast and there was corresponding steadiness in prices for mercurials. No further sales of government stockpile citric acid were reported. Quotations on resale tartaric acid were about 5c. under recently prevailing sales levels.

A report of the Department of Commerce stated that the amount of Brazilian exports in kilos of drugs, medicinals, and pharamaceuticals increased almost 435 percent from 1939 to 1943, and the value (in cruzeiros) increased about 2,292 percent. During this period imports were cut almost 50 percent.

Acid, Citric.—The War Food Administration failed to report further sales from its stockpile of this acid.

Acid, Nicotinic.—Demand ran to substantial size and the supply situation continued to be relatively tight. Prices were unchanged.

Acid, Tartaric.—Resales in the open market were said to be on the basis of about 80c. per pound, which is a price lower than resales had moved for at times in the recent past. Producers' schedules remained fully stabilized and production cared only for a part of home requirements.

Alcohol.—Chemical Bureau officials of the War Production Board have issued a warning that because manufacturers are now well advanced in making the supply of antifreeze for next Winter on the basis of allocations made several months ago, there can be no variation later in the percentages of the various grades that will be available to the public. Production of the amount of methanol-based antifreezes has decreased because demand for ammonia limits production of synthetic methanol. Hence, the bulk of antifreeze products to be marketed this year will be based on ethyl and isopropyl alcohols.

Berberine.—Nothing was offered in local circles last week but new production is expected to come on the market at not more than $36.25 per pound and it would not surprise if even lower prices might come to the market when total production becomes available.

Bismuth Metal and Salts.—Demand was routine, covering mainly the nearby requirements of manufacturing consumers.

Butyl Acetate.—The tight position which caused WPB in its last allocation to stop many deliveries formerly made continued to prevail and will not change until needs of the armed forces are either covered or become smaller. Meanwhile, no use not essential is recognized.

Caffeine. — Brazilian production by three concerns was said to have been about 13 tons per month in 1942. Much of this production has come to the United States where it remains to be seen if Brazilian goods will continue to come in after peace returns domestic producers to normal conditions.

Castor Oil.—Arrivals of castor beans totaled 5,339,850 pounds during the past week, bringing the total since January 1 to 181,083,390 pounds. This compared with 196,104,350 pounds for the corresponding period a year ago. Movement of oil into consumption was maintained at good volume and there seemed to be no difficulty in getting adequate output.

Chicago, Aug. 31.—Call for castor oil is brisk. Material is attracting interest from buyers and general tone of the market is steady to strong. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¾c.; drums, less than car lots, 15c.; tanks, 13½c.

Corrosive Sublimate.—Producers reported moderate requirements reaching them at the present time but they also indicated that the market position of the item was one of some strength based on the revival of strength in the basic raw material position.

Fishliver Oils. — Supplies continue tight. Production is not expanding because of the inability of processors to get the total needed supply of fishlivers. Sales were at ceiling levels throughout the week.

San Francisco, Aug. 30.—Demand continues to run ahead of production in the vitamin oil market and the request for low potencies is tremendous. All movements of oil are at ceiling. Supply of livers remains unchanged although one report received of a Mexican shipment equivalent to 250 cans of high potency oil.

Formaldehyde.—Late in the previous week, producers put a lower price schedule into effect, making tank cars 3.20c. per pound, and tanktrucks, 3.45c. The drum car-lot and less than car-lot prices were proportionately lower.

Furfural.—Producers' prices are ½c. per pound higher than they had been, technical in tanks being 9½c. per pound, refined, 15½c. in drums, car lots.

Glycerin.—Effective today, prices for refined glycerin are 3c. per pound lower, while those for dynamite are down 3¼c. and soaplye is 1½c. cheaper. The reductions reflect the break in prices for crude and make all glycerin prices the cheapest since OPA established a ceiling. C. P., tanks, 15c. per pound; drums, car lots, 15¼c.; less car lots, 15c.; dynamite, drums, car lots, 14½c.; less car lots, 15c.; tanks, 14¼c.; high gravity, drums, carlots, 14¾c.; less car lots, 15¼c.; tanks, 14½c.; yellow distilled, drums, car lots, 15⅝c.; less car lots, 16⅛c.; tanks, 14⅜c.; crude, soaplye, tanks, 10c.; saponification, to refiners, tanks, 11¼c. It will be noted that separate schedules are now in effect on dynamite, high gravity and yellow distilled material, succeeding the former practice of identical quotations for these grades.

Hexamethylenetetramine. — A decline late in the previous week established technical at 24c. per pound and U.S.P. at 35c.

Lithium. — WPB reports a gain in available stocks of lithium, the result of declining military needs. Larger quantities being available for normal

Market Trends

Prices Advanced

Furfural, ½c. per lb.

Prices Reduced

Glycerin, c.p., 3c. per lb.
dynamite, 3½c. per lb.
soaplye, 1½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
239.4	239.5	239.5	241.0

For Current prices see alphabetical listing beginning on page 9.

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and new users but despite what WPB calls a "current surplus," allocation controls will be continued, though probably in liberalized form. Stocks in producers' hand amount to 277,000 pounds and consumers' stocks are 149,000 pounds.

Methanol. — The Department of Justice started a civil action last week against members of the wood chemical industry, charging violation of the antitrust laws. This action was in addition to the criminal action entered last April. Details elsewhere in this issue.

Milk Powder.—The War Food Administration has ordered a partial suspension of its WFA-95 as of September 1. Under the terms of the suspension, manufacturers may produce, deliver and use milk sugar without restriction so long as the present balance between supply and requirements is maintained. Complete allocation will not be resumed unless said relation between demand and need gets out of balance.

Paraformaldehyde. — Lowered to 21c. per pound in a decline late in previous week.

Quicksilver.—The spot market was a routine but very steady affair last week. Demand was moderate but values held firm in keeping with the substantial stability that has developed in the mercury market on the Pacific Coast.

San Francisco, Aug. 30.—Market interest continues with sales between $100 and $105 per flask, f.o.b. San Francisco. Accumulated stocks are estimated at considerably less than earlier this year.

Selenium Detection Explained

J. T. Baker Chemical Company, Phillipsburg, N. J., in the latest issue of its publication "The Chemist Analyst," contains an article on "Detection of Elementary Sulphur and Selenium" as well as "Microchemical Methods in Drug Assay," and numerous other laboratory suggestions.

Obituaries

Prof. John F. King

Prof. John Fitch King, chairman for fourteen years of the Williams College chemistry department and instrumental in building the new $150,000 chemistry laboratory, died August 29. He was fifty years of age.

L.A. Van Dyk

L. A. Van Dyk, formerly of Van Dyk & Co., died August 25 in Miami Beach, Fla. He was about eighty years of age. Mr. Van Dyk was formerly connected with Pyridium Corporation, Nepera Park, N. Y. He had been identified with the essential oil industry for more than fifty years.

David Waxman

David Waxman, manager of the asphalt sales department of the Shell Oil Company, New York, and a director and former chairman of the executive committee of the Asphalt Institute, died August 29, in White Plains, N. Y. He was forty-six years of age. Surviving are his wife, two daughters and his mother.

M. J. Bristol, co-founder of the Wendt-Bristol Company, Columbus, Ohio, died August 17.

John H. Harvey, engaged in the naval stores business for many years in Screven, Ga., died recently. He was sixty years of age.

Edward H. Inbusch, vice-president in charge of production of the Red Star Yeast and Products Company, died in Milwaukee, August 31. He was sixty-two years of age.

German Cartels

—Continued from page 3

guise of ordinary commercial firms. We will have to strip them of the property which they acquired from the rest of Europe during the war and certainly during the occupation period we will have to exercise supervision over them. But this will not be enough, he added. The power of the German monopolistic firms must be broken.

It is probable that no general plan of reorganization could be announced, he continued, until there has been an analysis and understanding of each one of the German monopolistic firms and this will have to wait the period of supervision over these companies that should come during the occupation period.

Mr. Biddle said there have been suggestions for protecting the American security against foreign cartels in the postwar period but which he regarded as insufficient. He mentioned the O'Mahoney proposal to require the registration of foreign cartel agreements, and the Kilgore proposal for establishment of an Office of Technological Mobilization to supplement private research.

He also said that the German patents and know-how in this country which have been seized by the Alien Property Custodian should not be sold in order to raise a fund to pay off American claimants against the German government, as was done after the last war. These should be retained by the American government for the benefit of the American people, he stated.

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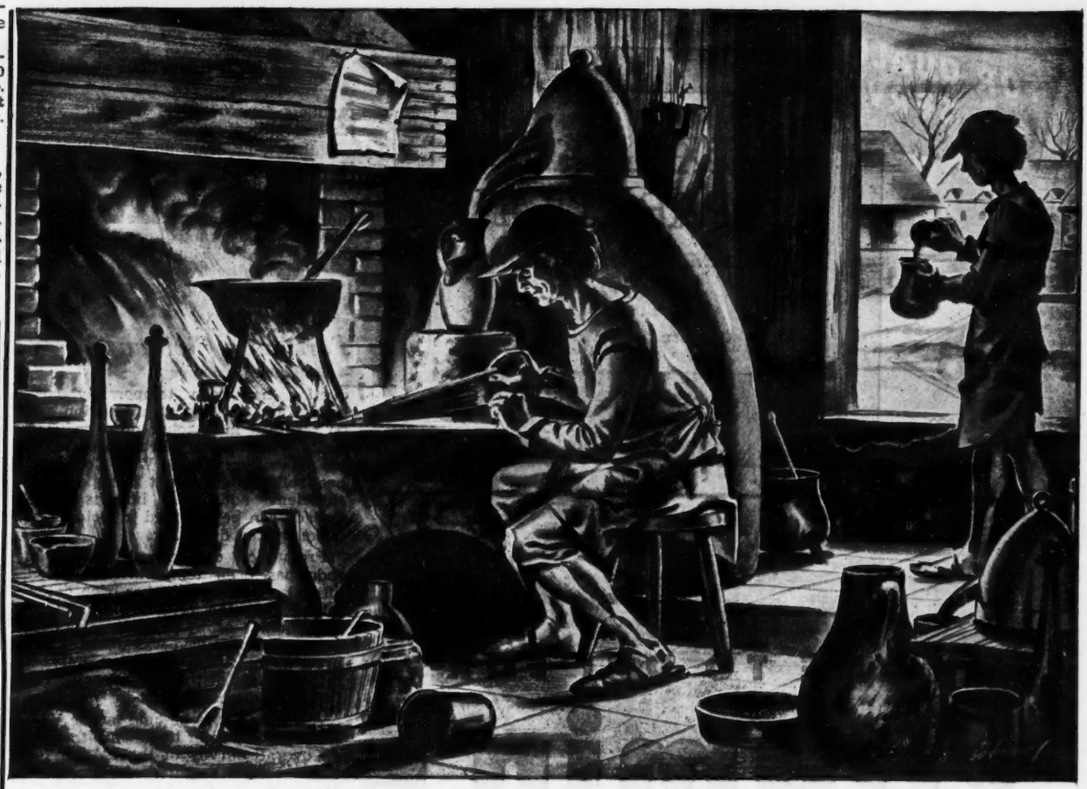

Potash and Smoke

ASKED how much smoke would be produced by the burning of 1,000 pounds of wood, Demonax, of Cyprus, answered: "Weigh the ashes! The missing weight has escaped as smoke." Ancient Greek writings reveal that this 2nd Century philosopher knew well the alkaline properties of wood and plant ashes (potash).

Alkaline plant ashes were included in the earliest Persian Pharmacopeia (975 A.D.) as well as the Arabian Canon of Medicine (about 1000 A.D.). But it was not until Sir Humphry Davy in 1807 isolated potassium that the true composition of potash became known. Later, with the exploitation of the Stassfurt salt mines, the door was opened to the vast commercial production of potassium salts for medicine, pharmacy and chemistry.

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Standard Brands Ups La Ware and Clissold

Standard Brands, Inc., New York, has named John La Ware manager of the bulk products department and John W. Clissold manager of consumer

John La Ware

products department of the drug and pharmaceutical division.

Both Mr. La Ware and Mr. Clissold have been sales managers of their respective departments and under the new executive setup will broaden their functions to include also general administration and developmental plans. William Finger will continue to supervise the over-all operation of the drug and pharmaceutical division.

Fertilizers Civilian

—Continued from page 3

duction has been temporarily suspended but hoped that production can be resumed in October on a reduced scale. Ammonium nitrate production for agriculture on the West Coast has been eliminated, but it is hoped that sufficient additional imports from Canada can be obtained in October to make up the deficit.

Production of synthetic nitrate of soda has been temporarily reduced, officials adding that it has been determined that the original forecast on the amount of by-product nitrate of soda to be produced was too high and present indications are that only 60 to 70 percent of the amount originally forecast will be produced.

A meeting is to be held by the WPB and the WFA later this month to make an overall survey of the 1944-45 fertilizer season supplies of nitrogenous fertilizers in the light of curtailed sources of supply. Statistical data on supplies and requirements are now being gathered but as yet no date has been set for the meeting.

Richardson Pharmacology Div. Head for Squibb Institute

Dr. Arthur P. Richardson has been appointed head of the division of pharmacology of Squibb Institute for Medical Research, New Brunswick, N. J. He succeeds Dr. Harry B. Van Dyke, who has become head of the department of pharmacology at the College of Physicians and Surgeons, Columbia University.

Brazil Makes Penicillin Duty-Free for Limited Period

Duties and other customs charges on imports of penicillin into Brazil have been suspended for six months and the suspension made retroactive and applied to imports of the drug shipped from the port of origin since January 14, according to the Department of Commerce.

Sahyun Made Vice-Pres.

Dr. Melville Sahyun has been made divisional vice-president of Frederick Stearns & Co., division of Sterling Drug, Inc.

Propyleneglycol Discussed

B. L. Lemke Company, manufacturing chemists, New York, has issued a booklet on propyleneglycol. Copies may be obtained by writing the company at 248-250 West Broadway.

Crowe Joins Heyden Corp.

James M. Crowe, managing editor of *Chemical Industries*, will join Heyden Chemical Corporation, New York, September 1. Mr. Crowe will handle the company's advertising and market development work.

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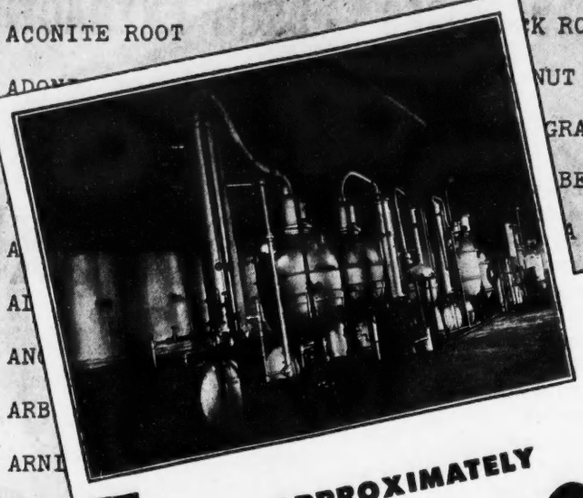

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Botanical Drugs, Spices, Gums

The feature of the botanical drug market last week was the loss at sea of 110 tons of Bourbon vanilla beans and the consequent disruption of the market. About 75 percent of the cargo had been sold and its replacement if at all possible is bound to be slow. The same ship carried a large quantity of clove spice badly needed in foodstuffs and essential oil industries. The goods left French Oceania months ago, were transhipped at a foreign port, and now lie on the bottom of the ocean.

Demand for spot deliveries of other botanicals was moderate in volume and small as concerned the size of individual orders for such deliveries. A very fair forward delivery business, involving substantial quantities of numerous botanicals, was reported written during the period under review but most of such transactions were on the basis of "if and when gathered"; and there was little to make collection certain even though the prices offered were on the high side.

Deliveries into collection centers were definitely far below normal and signs of this were to be found in the lists of offerings made by the few commission houses making such offerings. The feature of such offerings was the small size of the quantities offered and the comparatively narrow selection as to the items in hand for sale.

For example, one such offering received last week and dated August 24 by a middlewestern commission house offered twenty-seven items. Of the total lots offered, one was 2,000 pounds; two were 1,000 pounds each; one was 900 pounds; one was 600 pounds; four were 500 pounds each; five were 300 pounds each; three were 200 pounds each; one was 145 pounds; one was 125 pounds; two were 100 pounds each; one was 80 pounds; two were 60 pounds each; and one was 50 pounds.

An interesting comparison of prices now prevailing on some items against those asked for those items in prewar times follows:—

	Per pound—Now	Per pound—Prewar
Item 1	$0.25	$0.23
Item 2	.20	.06½
Item 3	1.80	1.10
Item 4	.40	.08
Item 5	1.50	.36
Item 6	.15	.10
Item 7	.20	.07
Item 8	.20	.11
Item 9	1.00	.75
Item 10	.25	.18
Item 11	.20	.07½
Item 12	.60	.45
Item 13	.20	.18
Item 14	.25	.14
Item 15	.35	.08

From this presentation may be learned the fact that botanical drug dealers are paying substantially higher prices for such botanicals as they may get collected and the quantities of items offered them are far below the normal proposals of primary market collectors, commission houses, and gatherers.

Balsams

Peru.—In very firm position as demand shows signs of expansion and replacement cost develops no weakness nor competition.

Tolu.—Sellers took a firm to steady view on this article. Demand was mainly light and along jobbing lines. Reserves were moderate.

Barks

Cascara Sagrada.—The spot market was slightly lower at 30c. to 31c. per pound but not all holders were disposed to assume the implication of what seemed to be a slightly easier situation. The absence of normal collection or reserve in the primary market acts to the end of limiting any easing tendency that might develop in view of the inactive spot market.

Cocillana.—Some doubt exists concerning the ability of dealers fully to protect consumers' requirements unless there shall be a rather substantial gain in the at present not exceptional supply.

Lemon Peel.—Some have hope that foreign goods may be brought here in not far distant future but there seems to be little upon which to base such a hope at this time.

Orange Peel.—Reappearance of European supplies of normal description is an expectation that may have to wait months before its realization. The Mediterranean, but recently German held, ports from which it was most often shipped in times of peace are now fully controlled by the Allies.

Market Trends

Prices Advanced

Drugs

Catnep leaves, 5c. per lb.
Pulsatilla herb, 5c. per lb.
Raspberries, dried, 80c. per lb.

Other Articles

None.

Prices Reduced

Drugs

Cascara bark, 1c. per lb.
Saffron flowers, Spanish, $1 per lb.

Other Articles

Cardamom, bleached, bold, 5c. per lb.
medium, 5c. per lb.
Mustard seed, Calif. brown, ½c. per lb.
Montana yellow, ½c. per lb.
Washington yellow, ½c. per lb.
Pepper, red, chillies, Carolina sports, 2c. per lb.
Louisiana sports, 2c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
246.2	246.3	251.3	261.1

Beans

Vanilla.—The long looked for shipment of Bourbon vanilla beans is at the bottom of the sea, according to spot reports which, last week, declared that the ship whose cargo included 110 tons of vanilla beans had gone down. It was said that the ship's owners had been permitted to notify importers of the lost merchandise. Estimates of sales made on a basis of "if and when arrived" involved about 80 tons of the total quantity. Replacement of the lost vanilla will be difficult. Further shipments from the primary market are problematical and subject to all the delay which has been associated with the beans now lost. It will be difficult to turn to Mexico as a source from which to get beans to apply on the forward delivery contracts involving the lost Bourbon beans; no surplus of Mexican beans exists. The result in the market last week was a stiffening of market undertones. Some dealers were disposed to raise bean prices to ceiling limits. Others would quote only on a replacement basis figured on the basis of Bourbon bean costs. Little material of any sort was in the open market, holders of the small stocks in dealers' hands being disposed to take a position of great reserve.

Berries

Raspberries.—High cost of the new crop has compelled an advance in spot prices to the basis of $1.25 to $1.30 per pound and the market held strong thereat last week, backed by the most moderate supply.

Saw Palmetto.—Not much demand fails to weaken spot prices, which, in the main, are well in line with the prevailing cost for replacements.

Flowers

Arnica.—Holding quiet at the recent decline and not much asked for during the past week.

Clover.—No over supply reported here or in the primary market. Not much local activity but limited stocks prove sufficient for the full maintenance of current quotations.

Lavender.—All of the French countryside producing lavender flowers for export is in the hands of American troops. Which does not mean that exports will soon be possible. It will surprise if anything is forthcoming earlier than the surrender of the Germans.

Saffron.—Little activity reported in Spanish flowers and although in strictly nominal position, the quotation mentioned as the market was $44 per pound. Replacement was still high and dispatch of replacement purchases continued uncertain.

For Current prices see alphabetical listing beginning on page 9.

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HERBE MENTHE
HOREHOUND HERB
IRISH MOSS
JUNIPER BERRIES
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LAUREL LEAVES
LAVENDER FLOWERS
LINDEN FLOWERS, with Leaves
MAHUANG, Chinese
MARJORAM LEAVES
OAK MOSS
ORANGE OIL, Sweet
ORRIS ROOT
PEPPERMINT OIL
PIMENTO, Jamaica
POPPY SEED, Indian
PSYLLIUM SEED AND HUSKS
QUINCE SEED
RHUBARB ROOT
ROSEMARY LEAVES
ROSEMARY OIL
SAGE LEAVES
SARSAPARILLA ROOT
SAVORY
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Gums

Arabic.—In plentiful supply and not subject to a sustained demand of important size. Conditions were more favorable to buyers than sellers since the undercurrent of the spot market was one of rather swift moving competition. Arrivals totaled 8,600 bags.

Locust Bean.—It turns out that the gum offered in the previous week at 55c. per pound was not prime quality material; it contained a substantial amount of specks from the beans and was said to be about third grade goods. Prime quality on spot was probably no cheaper than 68c. per pound.

Tragacanth.—Spot stocks have gained by the recently rather substantial arrivals but first cost of the merchandise reaching these shores was such as to limit the extent to which importers might shade the market when firm business was in sight. Many former sellers are still unable to do business because of price limitations imposed by the General Maximum Price Regulation.

Herbs and Leaves

Catnep.—Collection has been small and values in the primary market have risen sufficient to send spot quotations to the basis of 32c. to 35c. per pound, ruling as to seller.

Coltsfoot.—Not a great deal has been collected nor is there likely to be a supply even close to normal by the end of the season. A firm market seems likely to be maintained.

Passion Flower.—No general distribution of new crop goods is in this market at the present time and a nominal situation continues to prevail. Collection has been far less than might have been expected, even facing the inadequacy of available labor.

Pulsatilla.—The market is higher at 73c. to 75c. per pound, reflecting poor collection of new crop goods and a high cost of the limited quantities now in store.

Miscellaneous

Balm of Gilead.—Buds now in hand are fairly well dried and are gaining some strength in price for that reason alone. Actual sales at the present time are limited in size and number.

Ergot.—Some are collecting corn smut in this country notwithstanding the fact that the available supply of ergot has proven sufficient thus far for national needs.

Grains of Paradise.—The only goods offered are those due for arrival on the basis of merchandise bought for August-September shipment from primary market points.

Papain.—Prices were considered to be on the low side notwithstanding the recent replenishment of spot stocks by the arrival of new imports.

Roots

Aletris.—Kept high in price and practically nominal as to offerings by the inability of dealers to get substantial collection in the primary market.

Blood.—The market has tended to tighten after a period in which values underwent a substantial price decline. Collection is about at an end and the total still unsold and available for further operations by consumers is not very large.

Goldenseal.—High in price, low in supply, and with no relief in sight. Many cultivation projects have been abandoned because of the contraction of the export outlet for this item. A return to normal production will take about three years.

Ipecac.—In this period of acute shortage, nothing has been said regarding India as a possible source from where some root might be obtained as a reverse lend-lease opera-

—Continued on page 70

Western Trading Co. Name Now Western Crude Drug Co.

The Western Trading Company, Portland, Ore., has changed its name to the Western Crude Drug Company. There is no change in the ownership or management of the company, of which William H. Haupert is president and Earle G. Goss is secretary-treasurer. The company is a producer and supplier of West Coast botanical products. The company also produces and markets peppermint and dill weed oils.

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Jean Helvetius, a medical student, got 150 pounds from a merchant named Grenier, or Granier, in 1686. Helvetius prescribed it in dysentery, advertised his successes by placarding street corners, and finally sold the secret to King Louis XIV for $4,000. The king gave the secret to a dysentery-ridden world.

The source was disputed until 1800 when the Portuguese physician Gomez brought authentic root from Brazil to Portugal. It was found in Colombia, S. A., in 1870, and, later, in Nicaragua. Emetine was discovered in ipecac in 1817 by Pelletier, the French discoverer of quinine.

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Essential Oils, Other Aromatics

The feature of the market for essential oils last week was an advance in prices asked for clove oil by its producers, and advances in the quotations for Bourbon geranium and ylang ylang. These higher prices were due to a common cause. Demand for oils in general continued moderate in size and developments on the war front in Europe seemed to be affecting consumers' approach to the spot market. Prices held firm in all instances.

The common cause for higher prices on clove, Bourbon geranium, and Bourbon ylang ylang oils was the loss at sea of a ship whose cargo in part consisted of those essential oils originating in the French islands of Oceania. The oils had been carried by fishing boats making many trips to a transhipment port where they were assembled and eventually loaded on a freighter destined for this country. This freighter was on passage when sunk. In addition to oils, it carried clove spice badly needed here by the producers of clove oil whose future production is bound to be much reduced until further shipments of spice are received.

Good progress with peppermint distillation was reported from the production states but dry weather is believed to be reducing some yields of oil per acre and it would not prove a surprise if the total production this year runs somewhat less than the estimate of 1,034,000 pounds made August 1 by the Bureau of Agricultural Economics. Refusal of the Office of Price Administration to raise spearmint price ceilings will probably much reduce or totally eliminate spearmint from spot dealers stocks. If producers succeed in getting a rating as dealers, the large manufacturing consumers will probably get the oil they need. Other consumers are likely to be on short rations except as the newborn primary market dealers may supply them.

Market Trends

Prices Advanced

Clove, 15c. per lb.
Geranium, Bourbon, 50c. per lb.
Ylang ylang, Bourbon, $5 per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
261.6	259.9	262.6	247.0

Essential Oils

Anise.—Inquiries continued to reach the market but no genuine oil was forthcoming and consumers were compelled to eke out their needs through purchase of replacement products.

Bergamot.—Stocks of this oil bought weeks ago by the Army in Italy remain in the land of Dante. So far as known, no forward step looking to transfer of the stock to these shores has been taken.

Birchtar.—Mighty little of this article was to be had in any quarter and the consensus was that the market was entirely nominal.

Cajeput.—Limited supplies alone were current locally and numerous former sellers reported total lack of supplies. To a very substantial extent the market was considered to be nominal.

Cananga.—Moderate stocks were in firm position with sellers showing reserve in view of the inability to get replacement shipments. Demand was very light, however, and countered against the small supply.

Capsicum (Oleoresin). — Strength and high cost of raw material effected a firm position in a market otherwise featured by a demand not much larger than hand-to-mouth purchases.

Caraway.—Small stocks were still forthcoming from local dealers but many sellers were without supplies and the total available was in very firm price position despite inactive demand at the moment.

Citronella.—Demand for Ceylon oil bettered along jobbing lines last week, giving considerable support to a market recently developing a slightly easier undertone. No further reduction took place in prices.

Clove.—Loss at sea of a ship believed to be carrying clove spice and oil in its cargo was reported last week by the ship's owners. This puts into the undisclosed future the next arrival of raw material for production of oil. The replacement price of spice in forward position was actually slightly lower last week, but spots were around 22c. when available. Prices on clove oil were raised to $1.75 to $1.80 per pound.

Coriander.—The 150 tons of Morocco seed recently arrived, but withheld from consumption because of the presence of excreta and other foreign matter has been turned over to cleaners and, when conditioned, will go mainly to the tobacco trade. Probably nothing will remain for possible sale to distillers of oil.

Dill.—Movement to contract buyers was reported very good, giving added support to currently prevailing prices and checking any tendency toward price weakening competition.

Geranium.—Although not definitely confirmed, it was believed that the loss of a ship at sea last week means the permanent loss of considerable Bourbon oil that had been shipped from the primary market and transshipped at a foreign port to a vessel destined for the United States. Spot prices were advanced to the basis of $13.50 to $14 per pound.

Lavender.—With the French production area totally controlled by American and French forces, the local distributors of French flower oil may now quietly await the eventual resumption of exports from Marseille. Such resumption is weeks, even months, away if experience in other liberated countries serve as a guide to future arrivals. Resumption depends solely on the permission to export which the Army may or may not grant.

Lemon.—The order of the week was "as you were." Which means that there is precious little lemon oil available for purchase from the general run of lemon oil dealers in this market. Such distributors still waited for the War Food Administration to release more domestic oil to civilian users, and for the Army to fetch from Italy additional quantities of oil. Meanwhile needs of the armed forces are being supplied from the stockpile of 100,000 pounds of Italian oil reserved precisely for that purpose. The reservation should make domestic oil available in larger quantities for civilians.

Lignaloe.—Mexican oil was in light supply and replenishment of reduced reserves was a difficult and only occasional possibility. Prices were firm.

Nutmeg.—Some limited quantities were in the market at about $5 per pound but no general distribution of supplies existed, mainly because production is on a minor scale only.

Orange.—Stocks were in very good shape. So much so that practically nothing is being said about the possibility of exports being resumed from Italy and North Africa—two sources which, in the past, played a prominent part in the orange oil economy in this market. Demand was fair.

Peppermint.—Good progress with peppermint oil production was reported from all producing States, but since dry weather has prevailed for long periods at some points, there is some reason to think that total production will be moderately less than the 1,034,000 pounds given by the Bureau of Agricultural Economics as the production indicated as of August 1.

Petitgrain.—Firm in price but not especially active as to movement to manufacturing consumers. Stocks were conservative in all quarters.

Rosemary.—Rather quiet on the spot but holding steady as to price. Arrival of additional replacements has been moderate.

Spearmint.—It is understood that pressure for higher ceilings has not disappeared. Although OPA took a pretty forthright position against a rise because it considered present prices productive of sufficient profit to all sellers, producers and distributors alike do not admit the OPA position as fact. It seems likely that the main effect of the OPA decision will be to

For Current prices see alphabetical listing beginning on page 9.

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OPD—9-4-1944

much reduce or totally eliminate stocks of oil in local dealers' warehouses. The large manufacturing consumers probably have ways by which they can get oil. It is even possible that producers may contrive a rating as dealers—and the dealer ceiling is $4 per pound against the producer ceiling price of $3.50.

Ylang Ylang.—Oil expected to arrive from the French islands was reported lost at sea while enroute here from a transhipment port to which the oil had been carried by fishing boats from the islands. Bourbon oil spot was minimum at $40 to $45 per pound.

Aromatic Chemicals

Anisic Aldehyde.—Quite scarce in this market and in very strong position.

Benzaldehyde. — Stocks moderate and kept so by the substantial diversion of technical material produced for the account of the armed forces requirements of essential products.

Benzol Compounds.—Most of these products are scarce, being available in small lots, the size of which cannot be increased until raw material shall become more plentiful.

Eugenol.—Clove oil was advanced rather sharply last week when a supply of spice expected to arrive shortly was lost at sea. The position of eugenol has gained substantial strength and a higher market was reported likely.

Rhodium Unavailable

OPD Washington Bureau

Rhodium is unavailable for jewelry uses at present, members of the Platinum Group Metal Producers and Distributors Industry Advisory Committee were told at a recent meeting, the War Production Board has reported. Members indicated that information regarding relaxation of WPB regulations had erroneously led many jewelers to believe that the use of rhodium in electroplating jewelry would be permitted soon.

Boyles Joins Burnett Co.

The Joseph Burnett Company, Boston, Mass., has announced that Dr. Frank M. Boyles has joined the organization in the capacity of chief chemist and superintendent of manufacturing processes. Dr. Boyles has long been affiliated with the Flavoring Extract and Allied Industries.

Food and Beverages Control Discussed in Booklet

Schwarz Laboratories, Inc., has issued a new bulletin entitled "Scientific Control of Foods and Beverages." Copies may be obtained by writing the company at 202 East Forty-fourth street, New York.

Aluminum Chloride Applications Described

"Some Practical Industrial Applications for the Use of Aluminum Chloride" is the title of the feature article in the August issue of "The Givaudanian," house organ of Givaudan-Delawanna, Inc.

A.J. Barnaud Secretary Of International Trade Section

Albert J. Barnaud has been elected secretary of the International Trade Section of the New York Board of Trade. He fills a vacancy caused by the resignation of Joseph H. Marrone.

General Electric Company's plastic plant at Pittsfield, Mass., has been awarded the Army-Navy "E".

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Petroleum Derivatives

The entire market for petroleum derivatives has now become a war supply market, with the bulk of the high-octane gasolines, fuel and lubricating oils, naphtha solvents and liquefied gases being snapped up by the war procurement agencies as rapidly as they can be turned out from the fractionating plants of the refineries and transported by pipelines, tankcars, sea and inland waterway carriers to the vast theatres of war in Europe and the Pacific. As operations across the battlefields of France and Italy have reached a further accelerated tempo, calling for still greater supplies of the highest grades of these petroleum derivatives, civilian users have been willing to get along with the steadily diminishing residue of these motor fuels, solvents, lubricants and heating agents which is all that is now available for them.

Although there has recently been a slight dip from the lately-attained peaks of crude oil production in the domestic oilfields, the daily average outturn of the American fields continues at an exceedingly high level and is being steadily supplemented by increasing importations of crude oil from Venezuela as well as from Mexico. It is now in a fair way to reach the 5,000,000-barrel daily yield recommended by the Petroleum Administration for the current month, affording the refiners with steadily expanding supplies of raw material for processing on all accounts.

So eager is the Petroleum Administration to facilitate as great an expansion of liquefied gases as possible that it has notified distributors and marketers of these gases they may now use materials for the maintenance and repair, or for the construction of facilities required in the operation of these businesses, by obtaining authorization under limitation order L-86, administered by PAW. Distributors and marketers of these gases also may obtain materials needed for similar purposes by using the automatic preference ratings provided in preference rating order P-98-b.

Solvents and Diluents

Aromatic Solvents.—As there has been no evidence of the expected further tightening of supplies of xylene, which recently loomed as a corollary of the increasingly heavy war drain on benzol and toluol, that seemed likely to spread to xylol, processors of the high-solvency aromatic naphthas have been able to turn out a sufficient quantity of both high and low distillation point grades to meet current requirements. Demand continues only seasonally slightly diminished and the movement of both Class A and Class B types is still reaching fair proportions.

Cleaners' Naphtha.—Buying interest continues high, with the movement on military account far outstripping that into civilian dry-cleaning operations. Tone strong.

Lacquer Diluent. — Still moving steadily and in fairly sizable volume into consuming, chiefly into war production, channels. Market stable.

Mineral Spirit. — In undiminished call, with prices firmly held.

Rubber Solvent.—Synthetic rubber manufacturers continue taking up virtually the entire production of this solvent, so that other consumers have only small lots available for them.

Stoddard Solvent. — Military dry cleaning agencies are absorbing the bulk of the offerings of this solvent but civilian interest is also sizable. Prices well maintained.

V. M. & P. Naphtha.—Paint industry interests continue buying fairly extensively of this naphtha specialty, with those engaged in war production work getting the bulk of the quantities available. Tone firm throughout.

Markets at Other Centers

Chicago, Sept. 1.—Good buying is continuing in petroleum solvents and diluents in this area. Most grades of these products are fully strong. The demand for rubber solvent is expanding as a feature of the general market situation. Inquiry is good all around.

Los Angeles, Sept. 1.—Interest in petroleum solvents and diluents remains as broad as ever on the Pacific coast for the period under review and all available paint and lacquer thinners continue to move readily into the market.

Market Trends

Prices Advanced

None

Prices Reduced

Gasoline, 70-74 octane, Oklahoma refinery, ⅛c. per gal.

Lighter Fractions

Butane.—With the lion's share of all offerings of this liquefied gas being absorbed by manufacturers of 100-octane gasoline and synthetic rubber, designed chiefly for war purposes, there is little left for civilian users. Prices strongly maintained.

Heptane.—Continues in keen demand. Market stable.

Hexane.—Moving in steadily increasing volume. Tone firm.

Octanes.—Buying interest growing constantly. Prices steady.

Pentanes.—Still in good request. Tone strong.

Propane.—Conditions identical with those prevailing in butane characterize the market for this liquefied gas.

Petrolatums and Waxes

Amorphous Waxes.—Under the leadership of standard process types, these waxes continue to move steadily into consuming channels, with prices generally well maintained.

Paraffin.—Lend-lease shipments are continuing sufficiently heavy to keep stocks of crude scale down to only moderate proportions. Refined grades are still in short supply.

Petrolatums. — U.S.P., veterinarian and technical grades continue moving in undiminished volume into consuming channels. Prices firmly held throughout.

White Mineral Oils.—Leading producers continue to maintain their price schedules at the old levels, and are obtaining the bulk of the available business at these figures, although smaller suppliers are still offering their goods at notably lower levels.

Fuels and Lubricants

Crude Petroleum.—Although showing a decline of 7,650 barrels for the week ended August 26, the daily average output of the domestic oilfields was 4,667,450 barrels for that week, or 11,150 barrels in excess of PAW's recommendation for last month. And, due to an increasing volume of imports, chiefly from Venezuela and Mexico, the runs of crude oil to the American refineries for the same week averaged 4,698,000 barrels, or 4,000 barrels more than those for the previous week. Arrivals of 8,749 barrels of crude oil from Venezuela are noted.

Fuel Oil.—OPA has announced reductions in retailers' ceiling prices at all levels of distribution for distillate fuel oils and residual fuel oils as well as for gasoline and kerosene in specified parts of the Atlantic Seaboard. North Carolina, South Carolina, Georgia, that part of Florida east of the Apalachicola River, most of West Virginia and the western sections of Pennsylvania and New York are the areas covered by this action.

OPA has also reported that provisions have been made for the filing of new applications for fuel oil for heat or hot water; also that the fuel rationing order has been amended so as to permit the filing of renewal applications at any time.

Nationwide stocks of both light and heavy fuel oil have registered an increase within the week ended August 26, rising 1,235,000 barrels to 41,543,000 barrels for light fuel oil supplies and 602,000 barrels to 59,339,000 barrels for heavy fuel oil inventories.

Gasoline.—Despite an increase in its domestic production for the week ended August 26, gasoline has shown a decline in its nationwide stocks for that week amounting to 737,000 barrels, to 80,740,000 barrels.

Charges for the service of converting raw materials into aviation gas-

For Current prices see alphabetical listing beginning on page 9.

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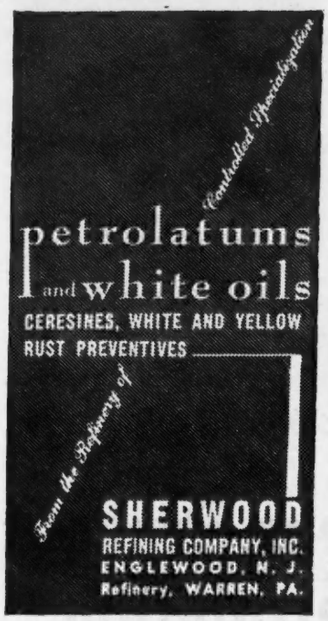
oline for 87-octane rating or higher, or into components of such gasoline, have been exempted from price control by PAW, effective September 6, to facilitate certain contracts with government agencies for the processing of raw feed stocks held by the government.

Refiners in Oklahoma, who had anticipated the OPA order for a lowering of ceiling prices on 70-74-octane gasoline by ⅛c. per gallon, have reduced their prices an eighth cent further.

Lubricating Oil.—OPA has provided producers and wholesalers of automobile and industrial lubricating oils and greases, as well as stock oils and petroleum coke with a new pricing method designed to facilitate the determination of their maximum prices on new products, on products shipped to new delivery points and on products sold to new classes of customers. No changes in price levels heretofore established will result from adoption of this new method, which becomes effective September 5.



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F.T.C. Costs Report On Oil Products Ready

OPD Washington Bureau

Part 4 of the Federal Trade Commission's report on its investigations of distribution methods and costs has just come off the presses and is now available from the Superintendent of Documents at 25c. per copy.

The report covers the petroleum products, automobiles, rubber tires and tubes, electrical household appliances, and agricultural implements industries.

Mich. Oil Wells May Be Drilled to 1,650 Feet

OPD Washington Bureau

Oil wells drilled on ten-acre spacing in twelve counties in southwestern Michigan may now be drilled to a maximum depth of 1,650 feet instead of the 1,400 feet maximum that previously prevailed, the Petroleum Administration for War has announced.

Hanks Heads South-Penn Oil

George J. Hanks, vice-president of the South-Penn Oil Company, Pittsburgh, has been elected to the presidency, succeeding Noel Robinson, deceased. Mr. Hanks joined the South-Penn company last May, having been vice-president of the Tide Water Associated Oil Company and president of the Tide Water Pipe Company. He is president of the Bradford Transit Company.

Crown Oil & Gas Co. Formed

Crown Oil & Gas Company has taken out a charter under Maryland law to deal in oil lots or land. The authorized capital consists of 100,000 shares of a par value of $1 a share, and the incorporators of record are James C. Burch and Susan Burch, of Baltimore.

Cement Ass'n Formed

Oxychloride Cement Association has been formed with offices in Washington, D. C. It is a non-profit service organization. The purpose of the group is to standardize performance tests and application specifications.

Surplus Property Bill

—Continued from page 3

ordnance plants after the war for the production of fertilizer materials. Secretary of Agriculture Wickard recently informed a committee of congress that he had recommended that a portion of the capacity of these plants be continued in operation after the war turning out materials for fertilizer production.

The controversial section in the senate bill has no counter part in the measure of the House (H. R. 5125) and for this reason it may be possible for the conferees to modify it extensively before the bill is reported back to the respective houses or throw it out entirely. In view of the house attitude against government competition with private business that the provision may stay in the final bill, even if only in a modified form.

As of August 31 conferees on the two surplus proposal measures were still hard at work attempting to reconcile the differences between the two legislative bodies on congressional policy proposed to be spelled out in the bill finally enacted, but with little if any headway being made. There are some thirty or more differences between the senate and house which must be ironed out before a conference report can be submitted for approval.

The chief stumbling bloc in the legislation is the different approaches made for administration of the program. In the house bill it is proposed that a separate organization be established, known as the Surplus Property Administration, headed by a single administrator appointed by the President and confirmed by the senate. The senate bill proposes establishment of a board of eight members within the Office of War Mobilization to administer the program.

Another difference between the two measures is that the government-owned strategic minerals and metals are to be transferred to the Treasury Procurement for stockpiling under terms of the senate bill. The house bill does not touch on stockpiling.

Ernest C. Breeding has been elected controller of the Texas Company, New York.

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Fertilizer Materials

Judging from information released by WPB, allocations of ammonia solutions for September will be lowered about 25 percent of the amounts requested. This is a reflection of reduced shipments from ordnance plants as a result of changes in the ordnance program. According to advices received from WPB, ammonia nitrate production on the West coast has been eliminated but it is hoped that sufficient imports from Canada can be obtained in October to make up the difference. Production of synthetic soda nitrate has been temporarily reduced. It has been determined that the original forecast of byproduct nitrate was too high and present indications are that only about 70 percent of the amount originally forecast will be available. Superphosphate producers are facing difficult problems in the manpower shortage and the insufficient supply of sulphuric acid. Producers of this material asserted the labor problem was going from bad to worse. Mixers have placed their contracts for superphosphate and deliveries in some sections are behind schedule. Nitrogenous material is heavily sold ahead. Fish meal remained in very limited supply on the East coast. California reported some increase in the production of sardine meal and it looked as though the season's output would be larger than a year ago.

Nitrogenates

Ammonia Sulphate.—Buying interest was reported active, with inquiry from mixers showing a tendency to expand. Production was maintained at a high level throughout the past month, weekend figures revealing relatively little variance. Material has moved as rapidly as made under WPB regulations.

Bone Meal. — Stocks small. Buyers inclined to operate on a hand-to-mouth basis. There was a definite scarcity of raw bone meal. In former years a lot of this material was imported from South America, but there have been no arrivals for a long time.

Castor Pomace.—Demand continued active and in excess of material available. Production was reported sold well into October. Inquiries for prompt shipments remained unfilled at the close.

Fish Meal.—Feeders take this material when available, but demand did not appear to be pressing. Supply conditions are tight, as production on the East coast has continued small, owing to a light catch of menhaden. Ceiling prices were fully sustained.

Hoof Meal.—Reported scarce, with very little material available in any section. Limited output of the material leaves the market temporarily bare of supplies at intervals.

Nitrogenous Material. — Market has not relaxed from its former tight position. More demand was reported than supply. Production heavily sold against contract.

Soda Nitrate.—No relaxation in demand for this material. The movement was steady and under WPB regulation. Demand for A-N-L compound has been so great that no material is being offered temporarily. While arrangements have been made to bring in 800,000 tons of Chilean nitrate by May 1, 1945, it is understood this tonnage will be increased if shipping space is made available.

Tankage.—Demand from feeders not so active. Occasional sales at ceiling levels, with some domestic material available. Buyers not inclined to purchase beyond the limit of actual requirements

Phosphates

Phosphate Rock.—Acidulators have received their deliveries promptly from a supply repported fully adequate to meet all the season's wants. While it looked as though the movement from mines would exceed that of other years, the apparent shortage of available sulphuric acid suggests a limit upon the amount of rock acidulators can take. The price structure remained firm with ceiling levels well respected.

Superphosphate.—Sales to fertilizer manufacturers were reported steady with demand inclined to run above production in some sections. Production, while heavy, has been regulated by the availability of manpower and sulphuric acid. The supply of triple-superphosphate has been kept at a relatively low level under an active demand for home and export requirements.

Potashes

Agricultural wants are being filled promptly in both muriate and manure salts. Although shipments are under WPB regulation, demand from mixers was active and more material could be used if permitted. Production continued at a high level with a gradual increase anticipated as the season progresses. The overall market showed no relaxation from its firm position.

Sulphur and Pyrites

Supplies of available sulphur in Louisiana and Texas were adequate to cover any demand that might develop. Shipments from mines were heavy under a steady call from the various consuming industries and the overall situation presented a healthy appearance. Domestic pyrites commanded seasonal attention. Spanish material remained quiet without quotable change in prices.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Markets at Other Centers

Atlanta, Sept. 1.—Small grain fertilizers are of immediate concern in the South where agricultural agencies are urging increased plantings not only for human food but for livestock hay and grain feeds. In drouth areas, feed production has been greatly curtailed and wheat, oats and barley are to help overcome the shortage. As a result of this situation fertilizer manufacturers consider that the demand for small grain fertilizers will be increased for plantiings in late September and early October in the South. The tendency to use small grains for light grazing in the Winter has brought about a demand for complete fertilizers whereas a former general practice was to fertilize with phosphates in the Fall and topdress with nitrogen in the late Winter and early Spring.

Baltimore, Sept 1.—Fish Scrap.—The operations by the menhaden fishing fleet in Chesapeake Bay and adjacent waters continue to be rather disappointing, with the production of this ammoniate about as before. Adverse winds have held down hauls and appear to have driven the fish to other locations. At any rate, the catches have been small and the fish are still under size. Even the vessels out in waters off Delaware and Jersey coasts have experienced a continued narrowing of catches. As for the scrap market, it shows no great amount of activity.

Chicago, Sept. 1.—With new supplies of livestock still moderate, the supply end of the fertilizer materials market is quiet. Undertone stays firm and the offerings are not particularly large in relation to demand. For the most part the undertone of the market stays firm, with offerings not particularly active in any division. Dried Blood.—Principal grade, $5.53 per unit of ammonia. Tankage.—Feeding grade, $5.53 per unit; hoof meal, $4.25 to $4.50; liquid stick, tankage $1.75 to $2. Bone Materials.—Ground bone, steamed, 3 and 50 percent, $35 to $36 per ton; cattle jaws, skulls and knuckles, $45; dry, rendered tankage, hard pressed, $1.25; 50 percent bone and meat scrap, $68 to $70.

Los Angeles, Sept. 1.—The organics market remains quiet with active call noted on nitrogenous materials. The small allocation of nitrate of soda received the first of August is expected to alleviate this situation somewhat, although it called for distribution and delivery through the end of the year for either mixed or direct application. Fish meal held firm at maximum prices. Central California production of sardine meal showed some increase and with the larger numbers of fishing boats, output for the season to date is reported as somewhat above the corresponding period last year. Current meal production, however, largely was applied on contracts while demand remained keen.

For Current prices see alphabetical listing beginning on page 9.

PAW Names Production Division Director

J. R. McWilliams, Billings, Mont., has been made director of the Production Division of the Petroleum Administration for War. He will fill the position made vacant in May when Donald R. Knowlton resigned as production director to return to the Phillips Petroleum Company, of Bartlesville, Okla. Mr. McWilliams is taking leave of absence from his position as vice-president and manager of the Northwest division of the Carter Oil Company.

Richman Petroleum Formed

Richman Petroleum Company of California has been formed by the Standard Oil of California with the purpose of operating all of California. Standards wholly owned foreign properties. Headquarters will be in San Francisco.

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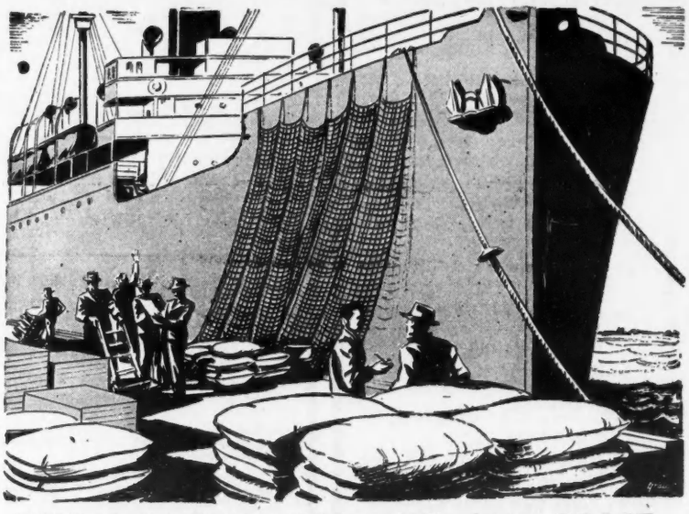

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1—Valley Cast Iron Autoclave, Jktd. and Agitated, 24″ x 24″.

1—Fredericking 1,500 gal. Cast Iron Jktd. and Agtd. Kettle, 8′ x 4′.

5—Cast Steel Jktd. and Agtd. 1,000 gal. Kettles or Stills; manhold type.

1—Dopp 1,500 lb. Crutcher.
1—Rotary Jacketed Steel Digester, 6′ x 13′.

1—Glass Lined 3,000 gal. Sectional Vacuum Still, 55″ dia. x 24′ high.

2—Glass Lined Jacketed 750 gal. Tanks; one with glass coated revolving coil.

6—Copper Tanks, 950 gal., 4′ x 10″.

2—Swenson 6′ Cast Iron Evaporators with jet condensers.

2—Buffalo & Devine Crystallizers, 6′ x 3′.

9—Hor. 2,000 gal. Steel Tanks, 4′ x 20′.

2—Stainless Steel 2,000 gal. Hor. Tanks.

2—Jones Automatic Soap Presses, complete.

1—Southwark 80 ton Hydraulic Press; ram 8″ x 10″; daylight 15″; with pump.

1—HPM Hydraulic Press; 24″ x 24″; ram 4″ x 15″; day light 20½″.

1—Heavy Duty Hyd. Press; 5′ x 5′; downward ram 2′ x 4′; with pump.

8—Oliver Vertical Filters, pressure type; 25″ x 63″; monel screens.

1—Sweetland No. 9 Filter; 24 leaves.

1—Shriver 36″ C.I. Filter Press; 4 eye washing; cl. del. 20 chamber.

1—Sperry 30″ Wood P. & F. Filter Press.

1—Sperry C.I. 42″ Press; 57 Chambers.

1—Thropp Silex Lnd. 7′ x 6′ Pebble Mill.

1—Steel Ball Mill; 44″ x 92″.

1—Mikro No. 4 24″ Pulverizer; 75 HP.

1—W. & P. 250 gal. Double Arm Mixer.

3—Rotex Sifters; 20″ x 48″ to 4′6″ x 12′.

2—Devine Rot. Vac. Dryers; 3′ x 25′; 5′ x 30′.

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Agencies Wanted

ONE OF our executives is leaving shortly for an extensive trip to South and Central America. Manufacturers interested in establishing permanent contact for handling of their exports are invited to write immediately to State Export Co., Inc., 24 State street, New York City.

WELL ESTABLISHED wholesale drug house in Canada would consider additional lines for jobbers or drug trade. Manufacturing and packaging equipment available. BOX 331, Oil, Paint and Drug Reporter.

TECHNICAL and sales organization with available chemical laboratory facilities in Los Angeles solicits connection. Representative now in New York. BOX 335, Oil, Paint and Drug Reporter.

Agencies Wanted

IF YOU produce chemicals, chemical colors, vegetable oils or other materials used in various industries, we would be pleased to hear from you. We are located in Cincinnati and have covered Dayton, Columbus, Indianapolis, Louisville and intermediate points for the past twenty-five years. BOX 338, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 348, Oil, Paint and Drug Reporter.

Materials Offered

COD LIVER oil—25 55-gallon drums Iceland 2500 A, poultry grade, non-destearinated, and 200 drums Newfoundland cod liver stearine semi-liquid, 2800 A; also 9,500 pounds ground Cuban shark livers, 13,000 A, and quantity bonita livers. BOX 339, Oil, Paint and Drug Reporter.

Materials Wanted

DO NOT wait until conditions further limit prospects of disposing of top-heavy inventories. Will purchase surplus unshipped commodities all kinds. Particularly interested gums, waxes, spices, botanicals, oils, greases, pharmaceuticals, chemicals. BOX 351, Oil, Paint and Drug Reporter.

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1—Battery of 5—40″ BRONZE BASKET, Western States 1600 RPM. belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.

1—Battery 6—40″ and 1 battery 4—40″ American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.

1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

2—8′x12′ All Steel OLIVER FILTERS, complete with all pumps and receivers.

3—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

1—Burman ROTARY DOUBLE SHELL DIRECT HEAT PULP DRYERS.

Miscellaneous: Pumps, Packaging Machinery, Dryers, Coil and Calandria Pans

Send for Printed Circular
Arrange to Inspect

REMAINING
AT BAYONNE, New Jersey

1—24″ dia. x 40″ PENNSYLVANIA SINGLE ROLL CRUSHER.

1—HARDINGE CONICAL PEBBLE MILL, 6′ x 36″, silex lined, silent chain drive, motor and starter.

3—DORR BOWL CLASSIFIERS—
10′ dia. bowl with 2′3″x19′8″ rake,
12′ dia. bowl with 2′3″x21′4″ rake,
15′ dia. bowl with 2′3″x23′ rake.

1—OLIVER DUPLEX DRY VACUUM PUMP, 14″ x 8″.

1—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.

3—DORR THICKENER MECHANISMS—
Trays and Superstructures for 20′ dia. x 10′; 30′ dia. x 12′; 40′ dia. x 12′.

4—DORRCO DIAPHRAGM PUMPS, single and duplex.

1—8′ x 8′ OLIVER ROTARY CONTINUOUS VACUUM FILTER.

2—RAYMOND BROS. "IMP" PULVERIZERS, No. 40, with direct connected motors, cyclone collectors and all inter-connecting piping.

Special Items from Stock

41—(NEW) STAINLESS STEEL steam jacketed KETTLES, up to 500 gal. cap. AA3 needed.

2—70″ x 30′ RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
1—8′ x 12′ Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.
16—ROTARY VACUUM DRYERS; 3—Buffalo 5′x20′; 3—Devine 4′x25′; 1—Devine 4′x30′; 1—Struthers Wells 36″ x 12′.
2—ATMOSPHERIC DRUM DRYERS 4′ x 12′.
2—32″ x 72″ ATMOSPHERIC DOUBLE DRUM DRYERS, m.d.
2—Buflovak 6′ dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
4—6 TRUCK DRYERS, Philadelphia Textile.
9—Direct heat ROTARY DRYERS 4′ x 30′, 5′ x 30′, 70″ x 30′.
1—7′6″ x 75′ adirect Heat ROTARY DRYER.
3—PEBBLE MILLS, 1—4′ x 4′ Burrstone Lined; 1—32″ x 42″ Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
2—CRUSHING ROLLS, 40 x 16″ Colorado Iron Works.
6—DRY POWDER MIXERS various sizes. To 3000 lbs.
2—W. & P. MIXERS, sizes 21-X-DB Jacketed 625 gal.
2—4-Roll RAYMOND HIGH SIDE MILLS for extremely fine pulverizing.

2—LOUISVILLE Rotary Steam TUBE DRYERS, 6′x35′. Each equipped with 2 rows of tubes, recent model.

1—4′x6′ OLIVER CONTINUOUS FILTER; 2—8′x8
8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
5—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.
1—Day No. 30 Imperial Jack. MIXER, 75 gal.
8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.
29—CENTRIFUGAL EXTRACTORS, 12″ to 72″ bronze and steel baskets, belt and motor drives.
1—PNEUM. SCALE CARTON PACKAGING UNIT
1—Pneumatic Scale Co. Auto. tight WRAPPER.
2—Batteries of two each TYLER HUMMER SCREENS 4′x5′, single deck, other sizes.
1—36′ dia. Cast Iron COLUMN, 23′′ high.
1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor
1—Devine duplex VACUUM PUMP 16 x 16 x 12.
2—STOKES steam heated WATER STILLS, 10 gal. per hour.
1—Day 5-gal. Jacketed MOGUL MIXER.
9—Hardinge BALL MILLS, 3′ x 8′′, 3′ x 36′′, 6′ x 36′′; also 6′ x 12′ Rod Mill.
2—8′ x 30′′ Hardinge Conical Silex Lined PEBBLE MILLS.
5—ROTARY KILNS, 6′ x 60′, 8′ x 125′, 8′x 135′.
2—BELT CONVEYORS, 30′′ x 130′, 16′′ x 65′.
3—Dracco Perfecto Type AAA DUST COLLECTORS
1—Abbe Blutergoss No. 2 SIFTER; 1—No. OS, m.d
2—Gen. Ceramic 40′′ dia. x 15′ high ABSORPTION TOWERS.
10—Dopp C. I. jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.
3—ROLLER MILLS, 6′ x 14′′, 12 x 30, 16 x 40 water cooled.
2—K. K. 18-spout Rotary Gravity hand FILLERS.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS, cone bottom.
1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.
4—Granberg LIQUID METERS.
1—No. 7; 2—Colton TUBE or JAR FILLERS, 40.
1—Colton hand TUBE FILLER.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
1—Sperry Iron FILTER PRESS, 36″ x 36″, 38 chambers; 1—Shriver 24″ x 24″, 40 chambers.
2—World Rotary auto. LABELERS.
1—Burt straight line auto duplex LABELER, md.
1—C. C. & S. 7-head Jumbo CROWNER.
7—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.
1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.
1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.
1—(new) Stokes "F" single punch TABLET MACHINE, ⅝″, var. speed and A. C. motor.
3—Pfaudler GLASS LINED TANKS, 2-90 gal. open, 1-100 closed.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

Materials Wanted

WANT TO purchase any quantity or type of East India or Batu gum. Will be used in furnishing a war product. BOX 340, Oil, Paint and Drug Reporter.

WILL PURCHASE your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. BOX 350, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN to sell colors and resins to New York printing ink trade. Good opportunity; full particulars first letter. BOX 329, Oil, Paint and Drug Reporter.

JUST PURCHASED!

1—W. & P. 150 gal. Stainless Steel Lined Double Arm Mixer.
3—Colton No. 2 Rotary Tablet Machines.
1—Stokes "B" Rotary Tablet Machine.
2—Colton No. 2-B Single Punch Tablet Machines.
2—Fitz-Killion Rotary Tablet machines, similar to Colton No. 2.
2—Single Punch Tablet Machines, similar to Stokes Style "M".
1—J. H. Day 30" Copper Coating Pan.
1—W. & P. 20 gal. Double Arm Mixer.
2—Ermold Semi-Automatic Labelers.
1—Patterson 3' x 4' Porcelain Lined Pebble Mill, motor-driven.
1—Patterson 5' x 4' Silex Lined Pebble Mill, motor-driven.
3—J. H. Day 80-gal. Lead Mixers.
2—J. H. Day Twin 80-gal. Lead Mixers.
1—Vallez Rotary Filter, 35 leaf, 957 sq. ft., monel leaves. Purchased new 1942. Includes Valley Iron Works Paper Pulp Beater.
2—Fletcher 40" Centrifugals, motor driven, bottom discharge, with Louis Allis 10 HP High Torque Motors, 3/60/220 volt.
2—6'x5' Jacketed Closed Pressure Kettles.
1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.
4—Oliver Rotary Filters, 5'x8', 8'x3½', 8'x8', 8'x11'.
5—Shriver and Independent 24", 36", 42" Wood Filter Presses.
1—Johnson 24" C. I. closed delivery Press, with 36 plates and frames.
29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top, bottom discharge.
3—Hersey Rotary Dryers, 5'x30', 5'x21'.
2—Scott 4'x8' Vacuum Cookers.
1—Buffalo 24"x20" Vacuum Drum Dryer.
6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65', 7'x74'.
1—Raymond Mill, No. 6000, ball bearing, with 15 HP motor.
2—Jeffrey Hammer Mills, 36"x24", 24"x18".
3—Roller Mills, 9"x24", 12"x30".
2—Tyler Screens, 3'x5', 4'x5'.
1—Stokes Steel Vacuum Pan, 100 gal.
2—1750 gal. Lead Lined Pressure Tanks.
2—Jacketed Stills, 500 and 350 gal., with steel columns and condensers.
10—Condensers, 20 to 300 sq. ft.
4—Jacketed, Agitated Steel Kettles, 650, 600, 375 gal.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.
1—Copper Rotary Dryer, 6'x17'.
1—Sharples No. 6 Super Centrifuge, motor driven.
2—6' Buflovak Atmospheric Crystallizers.
Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipm ·t.

BRILL
Equipment Co.
225 West 34th Street
New York 1, N. Y.
BRyant 9-2040

Positions Vacant

CHEMIST or chemical engineer, preferably laboratory and plant experience, development and production of coated fabric for electrical insulation. Plant Brooklyn, N. Y. BOX 310, Oil, Paint and Drug Reporter.

EXPERIENCED COLOR salesman wanted for printing ink industry, metropolitan New York area, by nationally known house. Excellent remuneration, exceptional opportunity for high-class, capable man. Replies held strictly confidential. BOX 328, Oil, Paint and Drug Reporter.

CHEMIST WANTED — Young chemist wanted by progressive lacquer and synthetic enamel manufacturer. Good opportunity for energetic man desiring permanent connection. State full details. BOX 337, Oil, Paint and Drug Reporter.

MACHINE SHOP executive foreman, thoroughly experienced in the rebuilding of used chemical, food and processing equipment; to plan for and supervise a crew of 30 mechanics. Permanent, well-paid job, pension, insurance, vacation, other benefits. BOX 342, Oil, Paint and Drug Reporter.

CHEMIST—GRADUATE, experience preferred, oleo-resinous, pyroxylin, plastic coatings on fabrics. Excellent opportunity. Now and post-war. Write full details. BOX 341, Oil, Paint and Drug Reporter.

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer.
1—Raymond No. 10 Imp Mill, complete.
1—9 Roll High Side Raymond Mill, complete.
5—No. 0000 and No. 0 Raymond Mills.
1—Johnson 12" sq. Plate & Frame Iron Filter Press.
2—Bonnot 27" dia. Recessed Iron Filter Press.
6—Autoclaves, 200 to 1500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1600 gals.
2—75 & 1500 gal. lead lined closed Kettles.
1—Dopp 50 gal. Jacketed, Agitated Kettle.
5—20, 35 & 150 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ⅛" & ¾".
2—Ball & Jewell Rotary Cutters.
3—Homogenizers, 7½ & 10 HP.
4—Watson-Stillman Hydr. Pumps.
2—Blystone 2000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—Read 150 gal. Jacketed, Double Arm, Horiz. Heavy Duty Mixer.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
2—Robinson 20" M.D. Attrition Mills.
1—Howe Barrel & Bag Packer.
2—4000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x6".
2—Worthington 12"x12"x12" Vacuum Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
1—Tolhurst 40" Centrifugal.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel Tanks, up to 4000 gal.
2—Schutz-O'Neill 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
4—Gas Boilers, 1 to 10 HP.

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STEIN EQUIPMENT COMPANY
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426 BROOME ST., NEW YORK 13, N. Y.

Positions Vacant

CHEMIST WANTED with sales experience and preferably mining ability. Must be sober, industrious and a producer; give experience and qualifications and we will give additional details of position. Write Box 1950, Raleigh, N. C.

ANALYTICAL CHEMIST; one thoroughly experienced in vitamin assay work preferred. Large western New York pharmaceutical house has fine opportunity for chemist who can qualify. Give us full particulars in first letter; we will keep it confidential. BOX 345, Oil, Paint and Drug Reporter.

CHEMIST WANTED—We are looking for a man experienced in pill and tablet production; also general knowledge of automatic packing equipment preferred but not essential. State fully your qualifications in first letter. All replies strictly confidential. BOX 346, Oil, Paint and Drug Reporter.

PRODUCTION MAN wanted, experienced in chemical plant. Permanent position, bright future, in Newark. Give full facts concerning experience, education, and salary desired. BOX 347, Oil, Paint and Drug Reporter.

CHEMIST WANTED—Seeking man who has developed new products for postwar market, such as household cleaners, powder paints and similar specialties which can be marketed in powder form. Give full particulars regarding developments, background, remuneration, etc. BOX 349, Oil, Paint and Drug Reporter.

Positions Wanted

RESEARCH DIRECTOR — Aggressive; business ability; special interests plastics, resins, inks, natural products, oils, petroleum, photo-mechanics. At present head of laboratory major printing machinery manufacturer. Experience, fourteen years. Large number patents. Publications. Interviews in east. BOX 324, Oil, Paint and Drug Reporter.

FOR SALE

4—100 gallon WERNER & PFLEIDERER mixers
3—12 in. x 30 in. Roller Mills
2—16 in. x 40 in. three steel roller mills
PONY MIXERS from 2½ gallons to 40 gallons
5—Change Can Mixers
1—Kent 9 in. x 22 in. - 5 roller HI ROLLER MILL
3—32 in. x 36 in. PEBBLE MILLS
10—1000 gallon steel square storage tanks
10—2000 gallon steel square storage tanks
5—9 in. x 24 in. motor driven roller mills
Specializing in Rebuilt Machinery
IRVING BARCAN COMPANY
50 CHURCH ST., NEW YORK 7, N.Y.

FOR SALE

1—Package Mach. Co. Cellophane Wrapper.
2—4 x 6' Atmospheric Drum Dryers.
1—No. 30 Day Imperial Mixer.
1—6 x 15' Allis Chalmers Tube Mill.
2—Colloid Mills requiring 40 hp. each.
3—3-roll Mills: 9 x 24, 12 x 30.
4—Lead Lined Tanks, 400-1000 gallons.
1—Blue Streak 20 hp. Hammer Mill.
1—No. 150 Kelly Filter.
2—Lard Rolls: 4 x 9' single, 2 x 5' double.
1—40" Tolhurst copper basket Centrifugal.
2—(New) Triangle Filling Lines.
2—Tablet Machines: Colton No. 3; Stokes F.
2—No. 2 and No. 3 Austin Gyratory Crushers.

What equipment have you for sale?
LOEB EQUIPMENT SUPPLY CO.
909 N. Marshfield Ave., Chicago 22, Ill.

INVITATION

We extend a cordial invitation to all our friends to visit us at our new location.

SPECIALS

Abbe 300 gal. Silex Lined Pebble Mill
Buffalo 48 x 40 Vacuum Drum Dryer
Buffalo 24 x 20 Vacuum Drum Dryer
W & P 500 gal. Jack. & Ag. Mixing Kettle
A. O. Smith 500 gal. Jack. & Ag. Autoclave
Sperry 42" wood plate and frame Filter Press, C. D.
Shriver 24" Filter Press, C. D.
Kiefer "Cinati" 6 stem Vacuum Filler
5" Premier Colloid Mill
Vallez Rotary Filter, 35 leaf, 957 sq. ft.
Vertical Lead Lined Steel Tank, 400 gal.

We buy individual items or complete plants for cash.

MACHINERY & EQUIPMENT CORPORATION (of N.Y.)
533 WEST BROADWAY
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Positions Wanted

GRADUATE CHEMIST with four years' experience in paints and synthetic resins desires technical sales and/or technical service position. Available immediately. Draft deferred. BOX 334, Oil, Paint and Drug Reporter.

SALES REPRESENTATIVE—Drugs, essential oils, chemicals or colors. Location Ohio. At present superintendent and production man for flavoring extract, drug and household specialty firm. Technical training, knowledge of manufacturing problems. BOX 336, Oil, Paint and Drug Reporter.

Processes Wanted

PRODUCTION PROCESSES wanted for organic synthetics, medicinals, insecticides, aminoacids, vitamins, hormons. Payment cash and royalty or interesting position in research and production. BOX 343, Oil, Paint and Drug Reporter.

Products Wanted

OLD ESTABLISHED firm, medium size, manufacturing chemicals and specialties, having plants with railroad sidings in east and middlewest, interested in manufacturing additional products, bulk products preferred. Plants have large mixing and storage facilities. BOX 263, Oil, Paint and Drug Reporter.

Midwest Fats, Oils Club Golf Trophy Won by English

The Midwest Fats and Oils Club of Chicago held its annual midsummer golf party August 25.

The feature of the day was the annual competition for the Ernest Kissling Memorial Trophy, won this year by W. R. English, retired from Cudahy Packing Company. Low gross went to Marvin Wood, or Marwood Company. The usual fun and frolic preceded and followed the dinner meeting, presided over by Carl H. Smith, of Roesling Monroe.

WANTED

For representation in California, Oregon and Washington, to the jobbing and Manufacturing Paint Trade.

ALCOHOL
TERPENTINE
LINSEED OIL

Box 344, Oil, Paint and Drug Reporter

LIQUIDATING

1—500 gallon Devine High Pressure Autoclave.
1—Dopp Steam Jacketed Mixing Kettle.
5—Copper Steam Jacketed Mixing Kettles.
3—Paterson Silex Lined Pebble Mills.
1—Rubber Lined Tank.
2—1000 gallon Soap Kettles.
4—8000 gallon Steel Pressure Tanks.
75—Ton Cast Iron Pipe, 8" to 18".
2—Bird Bronze Centrifuges.
2—Truck Dryers.
4—Permutit Water Softeners.
2—Elwell Parker Electric Trucks.
1—500 gal. Steam Jacketed Copper Kettle.
4—H & T Water Filters 8' x 20'.
Pumps, Boilers, Generators.

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REPRESENTATIVE FOR U. S. A. AND CANADA:
HERBERT H. PARKER
2 Broadway, New York 4, N. Y.

Botanical Drugs

—Continued from page 62

tion. Cultivation in India began in 1868 at the Rungbi plantation.

Seeds

Cardamom.—Bold, bleached material was down to $1.20 to $1.25 per pound and medium grade was lowered to $1.10 to $1.15. Decorticated and green seed pricer remained unchanged.

Coriander.—The recent arrival from Morocco is being put through the cleaner to remove excreta and extraneous matter that had caused its detention. Most of it will go, ultimately, to tobacco processors.

Mustard.—California brown, lower at 17c. to 17½c. per pound. Montana yellow off a fraction to 11½c. to 12c. Washington yellow, reduced to 11½c. to 12c. The Bureau of Agricultural Economics gives the following crop data:—

Mustard Seed Crop

	Pounds 1944	Pounds 1943
Montana	24,400,000	30,500,000
California	4,000,000	2,300,000
Ore., Wash., N. Dak.	2,350,000	1,790,000
Total	30,750,000	34,590,000

Varieties

	Pounds 1944	Pounds 1943
Yellow	12,880,000	11,120,000
Brown	8,870,000	5,435,000
Oriental	9,000,000	18,035,000
Total	30,750,000	34,590,000

MUSTARD FLOUR
ALL GRADES
USP
USP BROWN
Special for Mayonnaise
Old Dutch Mustard Co., Inc.
Manufacturers
70 METROPOLITAN AVE., BROOKLYN 11, N.Y.
Phone EVergreen 7-9156

Spices

Clove.—A cargo of Madagascar spice afloat to this market is reported lost at sea when the ship went down. A substantial quantity was believed to have been loaded on a ship reported sunk, but a slight margin for doubt existed as regarded actual loading of the clove spice. The market has tightened all around. The lot recently offered at St. Louis was sold. Some Zanzibar for later arrival was quoted at 17c. to 17½c. Madagascar futures were 16½c. to 17c.

Paprika.—Good quality Portuguese pepper lower at 34c. to 35c. per pound.

Pepper.—Red Carolina sports chillies were lower at 48c. to 50c. per pound. Louisiana sports also lower at 48c. to 50c.

Vanilla Beans – Tonka Beans
Thurston & Braidich, Importers, 286 Spring St., New York 13

VANILLA BEANS
ZINK & TRIEST CO.
15 LOMBARD ST. PHILADELPHIA 47, PA.

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IMPORTERS EXPORTERS
TRAGACANTH GUM
Woolworth Building Phone CO 7-6153 New York 7, N. Y.

GUMS
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TRAGACANTH ★ ARABIC
KARAYA (Indian Gum) ★ LOCUST BEAN
FRANK-VLIET CO., INC.
160 Water St., New York 7, N. Y.

Recent Imports

All matter under this head fully protected by copyright

ACID, CRESYLIC—60 dms
BALATA—5 cs, Astoria Import & Mfg Co
3 cs, Herman Weber & Co
7 cs, Otis Astoria Corp
BABASSU KERNELS—700 bgs, 35,000 lbs, Spencer Kellogg & Sons
BRISTLES—8 cs, J Henry Schroeder Banking Corp
CASHEW KERNELS—34 bgs, 1,700 lbs, General Food Corp
CASTOR BEANS—3,394 bgs, 509,100 lbs, Guaranty Trust Co
4,350 bgs, 652,500 lbs, Spencer Kellogg & Sons
1,640 bgs, 246,000 lbs, United States Commercial Co
21,515 bgs, 3,227,250 lbs, Baker Castor Oil Co
3,000 bgs, 450,000 lbs, Chemical Bank & Trust Co
1,700 bgs, 255,000 lbs, Irving Trust Co
CATTLE FLESHINGS—174 bls, Milligan & Higgins Co
COCA LEAVES—128 bls, Maywood Chemical Works
COCHINEAL—2 bgs, Wessel, Duval & Co
COCOA BEANS—400 bgs, 80,000 lbs, Schwabach & Co
500 bgs, 100,000 lbs, Daarnhouwer & Co
2,000 bgs, 400,000 lbs, W R Grace & Co
COCOA BEANS—16,009 bgs, 3,200,000 lbs, National City Bank
7,000 bgs, 1,400,000 lbs, Chase National Bank & Trust Co
2,000 bgs, 400,000 lbs, Goldman, Sachs & Co
2,500 bgs, 500,000 lbs, Bank of the Manhattan Co
500 bgs, 100,000 lbs, Chemical Bank & Trust Co
1,000 bgs, 200,000 lbs, Bank of New York
3,000 bgs, 600,000 lbs, Tradesmen National Bank Trust Co
7,000 bgs, 1,400,000 lbs, Guaranty Trust Co
1,500 bgs, 300,000 lbs, General Cocoa Co
5,999 bgs, 1,199,800 lbs, Nieschlag & Co
12,000 bgs, 2,400,000 lbs, Wessel, Kulenkampf & Co
1,698 bgs, 339,600 lbs, Wessel, Duval & Co
400 bgs, 80,000 lbs, Porcelli, Vicini & Co
400 bgs, 80,000 lbs, Rockwood & Co
4,000 bgs, 800,000 lbs, Wessel, Kulenkampf & Co
200 bgs, 40,000 lbs, Gillespie & Co
5,000 bgs, 1,000,000 lbs, Machado & Co
4,000 bgs, 800,000 lbs, Curacao Trading Co
4,000 bgs, 800,000 lbs, A C Israel Commodity Co
2,000 bgs, 400,000 lbs, General Foods Co
COCOABUTTER—1,100 bgs, National City Bank
3,500 bgs, Philadelphia National Bank
1,200 bgs, Bank of London & South America
1,500 bgs, Chase National Bank & Trust Co
600 bgs, W R Grace & Co
1,900 bgs, Guaranty Trust Co
FILTER PAPER—12 cs, Reeve Angel
GUM ARABIC—700 bgs, American Cyanamid & Chemical Corp
250 bgs, Wm M Allison & Co
100 bgs, Orbis Product Corp
100 bgs, W E Martin & Co
200 bgs, E Meer & Co
200 bgs, Frank Vliet Co
90 bgs, A D Isbetcherian
1,100 bgs, Thurston & Braidich
900 bgs, Pine Bros, Inc
150 bgs, Rowntree & Co
200 bgs, National Starch Product, Inc
900 bgs, Paul A Dunkel & Co
1,000 bgs, T M Duche & Sons
450 bgs, R J Prentiss & Co
900 bgs, Henry Heide & Co
HAIR, CATTLE TAIL—2 bls, American Bristle & Hair Co
3 bls, First National Bank
GOAT—7 cs, Arnhold & Co
HORSE—20 cs, Sterling National Bank
28 cs, Philadelphia National Bank
HORSE MANE—6 bls, F P Woll & Co
2 bls, American Bristle & Hair Co
3 bls, First National Bank
PIG—4 cs, Lowenstein & Gartner
HIDE CUTTINGS—179 bls, H Remis & Co
JABORANDI LEAVES—160 bls, S B Penick & Co
MEDICINAL PREPS—5 cartons, E R Squibb & Sons
MILKWEED—62 bgs, Kennedy, Butcher & Co
9 bgs, Bank of New York
OIL, BABASSU—534 dms, Chemical Bank & Trust Co
CODLIVER—110 dms, Arista Oil Product Co
500 dms, Peder Devoid Oil Co
100 dms, J J Gavin & Co
1,100 dms, E R Squibb & Sons
OITICICA—50 dms, T G Cooper & Co
1,800 dms, United States Commercial Co
500 dms, W R Grace & Co
ORANGE BITTER—40 cs, Continental Bank & Trust Co
SHARK—25 dms, Distillation Product Co, Inc
TUCUM—300 bbls, E F Drew & Co
PIMENTO PODS—2 bbls, C R Allen
RESIN VEGETABLE—90 bgs, Herman Weber & Co
10 cs, H A Astlett & Co
2 cs, Chicle Development Co
ROSIN—20 cs, Schutte & Focke
SHARK LIVERS (SALTED)—40 bbls, Cuban American Product Co
SHARK & FISH LIVERS—3 bbls, O Gorthon
TAPIOCA FLOUR—27,000 bgs, Corn Product Refg Co
4,000 bgs, National Starch Product Co
TARA, PODS—8 bgs, Guaranty Trust Co
2 bgs, Balfour, Guthrie & Co
POWDERED—332 bgs, Guaranty Trust Co
9 bgs, Continental Bank & Trust Co
WHOLE—6 bgs, Guaranty Trust Co
TUCUM KERNELS—500 bgs, General Food Corp
1,538 bgs, Franklin Baker Co
6,308 bgs, E F Drew & Co
WAX, BEES—21 bgs, L Luzzatto
90 bgs, Geck Trading Co
40 bgs, Machado & Co
38 bgs, Curacao Trading Co
20 bgs, Schutte & Focke
CARNAUBA—147 bgs, Strahl & Pitsch
100 bgs, Asiatic Petroleum Co
700 bgs, American Cyanamid & Chemical Corp
300 bgs, Enco Chemical Corp
100 bgs, R T French Co
13 bgs, W Looser & Co
100 bgs, W R Grace & Co
226 bgs, Strohmeyer & Arpe Co
200 bgs, Innis, Speiden & Co
44 bgs, H F R Dolan, Inc
450 bgs, Wessel, Duval & Co
100 bgs, McArthur Chemical Co
45 bgs, Wm M Allison & Co
54 bgs, Wax & Rosin Product, Inc
200 bgs, Smith & Nichols
500 bgs, A S C Johnson & Son
OURICURY—55 bgs, Innis, Speiden & Co
112 bgs, F B Ross & Co
112 bgs, Strahl & Pitsch
55 bgs, Public National Bank & Trust Co
200 bgs, Chase National Bank & Trust Co
133 bgs, J Henry Schroeder Banking Corp
67 bgs, Bank of the Manhattan Co
100 bgs, American Cyanamid & Chemical Corp
112 bgs, Strohmeyer & Arpe Co
55 bgs, Wax & Rosin Product, Inc
100 bgs, W R Grace & Co

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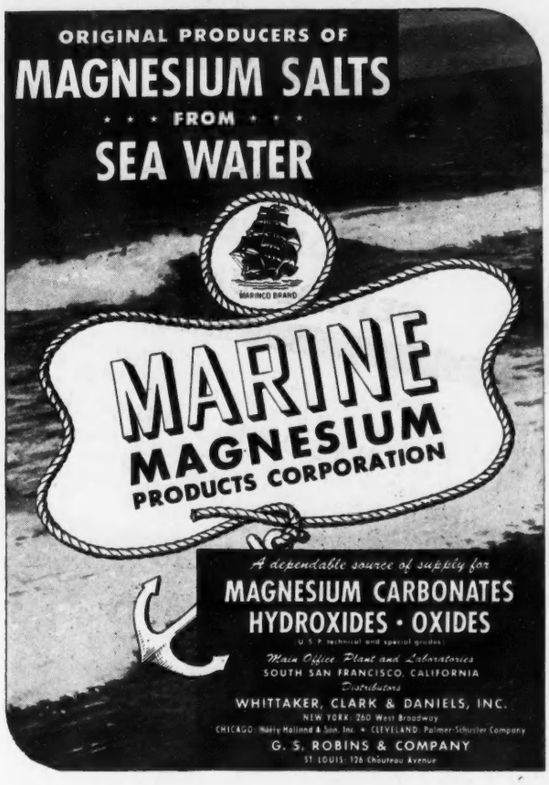

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